

SUMMARY OF QUANTITIES

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	5
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
991&21AC-R-2		CONTRACT NO. 60B97		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	WILL COUNTY							
				ROADWAY WESTERN FRONTAGE ROAD	SIGNING	STRUCTURE CULVERT	CONSTRUCTION TYPE CODE				
				1000-2A	1002-10	YDOT					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	22	22							
42001300	<i>PROTECTIVE COAT</i>	SQ YD	122	122							
44000100	PAVEMENT REMOVAL	SQ YD	8,736	8,736							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	658	658							
44004850	<i>PAVED SHOULDER REMOVAL</i>	SQ YD	870	870							
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	918	918							
48101500	<i>AGGREGATE SHOULDERS, TYPE B 6"</i>	SQ YD	447	447							
48203009	HOT-MIX ASPHALT SHOULDERS, 3"	SQ YD	141	141							
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	3,759	3,759							
50104300	CONCRETE HEADWALL REMOVAL	CU YD	1	1							
50105220	PIPE CULVERT REMOVAL	FOOT	44	44							
51205200	TEMPORARY SHEET PILING	SQ FT	850			850					
54003400	BOX CULVERT END SECTIONS, <i>SPECIAL</i>	EACH	2			2					
5420302	PRECAST CONCRETE BOX CULVERT 3' X 2' (M273)	FOOT	74.5			74.5					
54200433	PIPE CULVERTS, TYPE 1 RCCP 18"	FOOT	46	46							
54202137	PIPE CULVERTS, TYPE 3 RCCP 42"	FOOT	75	75							
54205062	<i>PIPE CULVERTS, SPECIAL 27"</i>	FOOT	51	51							
54207153	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	FOOT	193	193							
54207156	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 21"	FOOT	42	42							
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2							
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	4	4							
54214716	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 21"	EACH	2	2							
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	534	534							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	8	8							
55100900	STORM SEWER REMOVAL 18"	FOOT	518	518							
55101800	STORM SEWER REMOVAL 42"	FOOT	46	46							
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE B GRATE	EACH	3	3							
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1							
60206805	CATCH BASINS, TYPE B, SPECIAL	EACH	1	1							
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1							
60500040	REMOVING MANHOLES	EACH	1	1							
60500050	REMOVING CATCH BASINS	EACH	2	2							

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 991&21AC-R-2

SUMMARY OF QUANTITIES II

SCALE: DRAWN BY: JB
DATE: 03/22/2007 CHECKED BY: ACL



TENGE & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.636.6000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	6
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	WILL COUNTY				CONSTRUCTION TYPE CODE						
				ROADWAY WESTERN FRONTAGE ROAD	SIGNING	STRUCTURE CULVERT								
60600605	CONCRETE CURB, TYPE B	FOOT	13.5	13.5										
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	192.0	192.0										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	160.0	160.0										
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	387.5	387.5										
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2	2										
63500105	DELINEATORS	EACH	62	62										
66500105	WOVEN WIRE FENCE, 4'	FOOT	2,368	2,368										
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	2,306	2,306										
66502400	WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED	FOOT	2,308	2,308										
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9										
67100100	MOBILIZATION	L SUM	1	1										
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1										
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1003	1003										
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3100	3100										
* 72000100	SIGN PANEL - TYPE 1	SQ FT	89		89									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	200	200										
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	187		187									
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	13		13									
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	171	171										
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18,728	18,728										
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	218	218										
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	107	107										
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	39	39										
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	38	38										
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	166	166										
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	6	6										
* 78200500	BARRIER WALL MARKERS, TYPE C	EACH	25	25										
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2										
X0323260	SEDIMENT BASIN	EACH	2	2										
X0325561	CULVERTS TO BE GROUTED	CU YD	7	7										
X0712400	TEMPORARY PAVEMENT	SQ YD	3825	3825										
70106000	CHANGEABLE MESSAGE SIGN	CAL MO	9	9										
* X7030104	WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 4 INCH	FOOT	29,268	29,268										
XX003669	BITUMINOUS SIDEWALK REMOVAL	SQ YD	88	88										
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1										
XX005656	INLET FILTER CLEANING	EACH	16	16										

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

SUMMARY OF QUANTITIES III

SCALE: DRAWN BY: JB
 DATE: 03/22/2007 CHECKED BY: ACL

TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 300 N. MICHIGAN AVE. CHICAGO, IL 60611
 TELEPHONE: 312.563.6000

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Rev.

LOCATION STATION TO STATION	TOPSOIL REMOVED (CU YD)			20200100 EARTH EXCAVATION (ALL SUITABLE) (CU YD)			EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR SHRINKAGE 15%) (CU YD)			EMBANKMENT QUANTITIES (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
	STA I	STA II	STA III	STA I	STA II	STA III	STA I	STA II	STA III	STA I	STA II	STA III	STA I	STA II	STA III
5498+00.00 5499+00.00	54.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6	0.0	0.0	-25.6	0.0	0.0
5499+00.00 5500+00.00	95.0	29.6	9.1	0.0	115.9	79.8	0.0	98.5	67.8	120.2	1.3	18.9	-120.2	97.2	49.0
5500+00.00 5501+00.00	118.9	56.3	19.4	0.0	198.7	175.0	0.0	168.9	148.8	238.9	5.6	43.1	-238.9	163.3	105.6
5501+00.00 5502+00.00	122.8	49.8	21.1	0.0	141.5	206.3	0.0	120.3	175.4	292.2	10.4	51.1	-292.2	109.9	124.2
5502+00.00 5503+00.00	115.9	46.5	28.3	0.0	115.2	230.9	0.0	97.9	196.3	298.7	12.4	68.9	-298.7	85.5	127.4
5503+00.00 5504+00.00	113.0	47.6	37.0	0.0	96.3	255.7	0.0	81.9	217.4	291.7	16.1	87.6	-291.7	65.7	129.8
5504+00.00 5505+00.00	112.8	49.1	38.9	0.0	66.9	279.8	0.0	56.8	237.8	287.6	21.9	92.8	-287.6	35.0	145.1
5505+00.00 5506+00.00	110.6	52.8	35.6	0.0	58.9	310.4	0.0	50.1	263.8	280.7	25.0	94.6	-280.7	25.1	169.2
5506+00.00 5507+00.00	107.6	61.7	37.2	0.0	72.8	343.5	0.0	61.9	292.0	260.7	18.7	101.3	-260.7	43.2	190.7
5507+00.00 5508+00.00	102.6	68.5	41.1	0.0	80.6	358.1	0.0	68.5	304.4	225.6	15.2	112.8	-225.6	53.3	191.6
5508+00.00 5509+00.00	98.9	76.7	45.0	0.0	75.4	386.3	0.0	64.1	328.4	190.0	17.2	122.4	-190.0	46.8	205.9
5509+00.00 5510+00.00	90.7	87.4	51.1	0.0	58.9	401.1	0.0	50.1	340.9	149.3	32.6	136.7	-149.3	17.5	204.3
5510+00.00 5511+00.00	96.1	95.4	46.3	0.0	33.0	392.4	0.0	28.0	333.5	167.6	63.3	125.2	-167.6	-35.3	208.4
5511+00.00 5512+00.00	99.4	101.5	47.8	0.0	10.6	363.1	0.0	9.0	308.7	172.4	106.5	118.0	-172.4	-97.5	190.7
5512+00.00 5513+00.00	79.4	103.0	68.5	0.0	0.7	314.3	0.0	0.6	267.1	110.4	150.7	154.8	-110.4	-150.1	112.3
5513+00.00 5514+00.00	65.2	109.4	82.0	0.0	0.0	300.4	0.0	0.0	255.3	75.9	180.0	184.8	-75.9	-180.0	70.5
5514+00.00 5515+00.00	58.3	123.1	89.1	0.0	0.0	295.9	0.0	0.0	251.5	63.7	202.8	236.7	-63.7	-202.8	14.9
5515+00.00 5516+00.00	47.2	137.0	103.1	0.0	1.3	289.1	0.0	1.1	245.7	48.5	197.6	310.4	-48.5	-196.5	-64.7
5516+00.00 5516+10.84	3.4	15.7	9.4	0.0	0.3	34.4	0.0	0.3	29.3	3.0	19.4	25.1	-3.0	-19.1	4.2
5516+10.84 5517+00.00	21.3	127.3	84.5	0.0	3.8	295.9	0.0	3.2	251.5	16.0	147.4	195.3	-16.0	-144.2	56.2
5517+00.00 5518+00.00	13.1	141.5	63.1	0.0	2.8	264.6	0.0	2.4	224.9	11.3	150.2	195.9	-11.3	-147.8	29.0
5518+00.00 5519+00.00	0.0	190.4	145.6	0.0	0.0	171.5	0.0	0.0	145.8	0.0	190.4	218.3	0.0	-190.4	-72.6
5519+00.00 5520+00.00	145.6	119.1	145.6	26.3	0.0	66.9	22.4	0.0	56.8	218.9	119.1	179.4	-196.5	-119.1	-122.6
5520+00.00 5521+00.00	294.1	0.0	0.0	77.4	0.0	0.0	65.8	0.0	0.0	345.9	0.0	0.0	-280.1	0.0	0.0
5521+00.00 5522+00.00	275.9	0.0	0.0	52.2	0.0	0.0	44.4	0.0	0.0	288.9	0.0	0.0	-244.5	0.0	0.0
5522+00.00 5523+00.00	257.4	0.0	0.0	1.1	0.0	0.0	0.9	0.0	0.0	364.3	0.0	0.0	-363.3	0.0	0.0
5523+00.00 5524+00.00	256.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433.1	0.0	0.0	-433.1	0.0	0.0
5524+00.00 5525+00.00	257.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0	0.0	0.0	-400.0	0.0	0.0
5525+00.00 5526+00.00	261.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299.3	0.0	0.0	-299.3	0.0	0.0
5526+00.00 5527+00.00	258.0	0.0	0.0	6.5	0.0	0.0	5.5	0.0	0.0	179.8	0.0	0.0	-174.3	0.0	0.0
5527+00.00 5528+00.00	254.6	0.0	0.0	22.6	0.0	0.0	19.2	0.0	0.0	72.8	0.0	0.0	-53.6	0.0	0.0
5528+00.00 5529+00.00	251.1	0.0	0.0	34.8	0.0	0.0	29.6	0.0	0.0	44.6	0.0	0.0	-15.0	0.0	0.0
5529+00.00 5529+89.78	239.1	0.0	0.0	16.8	0.0	0.0	14.3	0.0	0.0	98.3	0.0	0.0	-84.0	0.0	0.0
5529+89.78 5530+00.00	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	-18.2	0.0	0.0
5530+00.00 5531+00.00	282.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.3	0.0	0.0	-281.3	0.0	0.0
5531+00.00 5532+00.00	281.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	424.1	0.0	0.0	-424.1	0.0	0.0
5532+00.00 5533+00.00	287.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	495.9	0.0	0.0	-495.9	0.0	0.0
5533+00.00 5534+00.00	292.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	594.8	0.0	0.0	-594.8	0.0	0.0
5534+00.00 5535+00.00	292.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.4	0.0	0.0	-672.4	0.0	0.0
5535+00.00 5536+00.00	292.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	656.9	0.0	0.0	-656.9	0.0	0.0
5536+00.00 5537+00.00	287.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	588.7	0.0	0.0	-588.7	0.0	0.0
5537+00.00 5538+00.00	281.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	534.6	0.0	0.0	-534.6	0.0	0.0
5538+00.00 5539+00.00	281.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.3	0.0	0.0	-503.3	0.0	0.0
5539+00.00 5540+00.00	263.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	458.7	0.0	0.0	-458.7	0.0	0.0
5540+00.00 5541+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	432.0	0.0	0.0	-432.0	0.0	0.0
5541+00.00 5542+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	396.1	0.0	0.0	-396.1	0.0	0.0
5542+00.00 5543+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	311.5	0.0	0.0	-311.5	0.0	0.0
5543+00.00 5544+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	348.5	0.0	0.0	-348.5	0.0	0.0
5544+00.00 5544+41.83	144.1	0.0	0.0	47.1	0.0	0.0	40.0	0.0	0.0	138.7	0.0	0.0	-98.7	0.0	0.0
5544+41.83 END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTALS	8470.7	1889.3	1249.0	284.8	1133.4	5815.5	242.1	963.4	4943.2	12931.7	1703.6	2874.1	-12689.6	-740.3	2069.0

NOTES:

1. THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS INCLUDES THE VOLUME OF TOPSOIL REMOVED WHICH WILL NOT BE STOCKPILED OR PLACED ON SITE.
2. ALONG THE WEST SIDE OF THE WEST FRONTAGE ROAD BETWEEN STA 5006+00 TO 5028+00, THE TOP LAYER OF EARTH HAS BEEN DISTURBED BY AN ADJACENT CONSTRUCTION PROJECT. THE ENGINEER SHALL DETERMINE IF THIS TOP LAYER OF REMOVAL CAN BE USED AS TOPSOIL ON SITE, OR IF IT THE POTENTIALLY UNSUITABLE MATERIAL MUST BE REMOVED AND DISPOSED OF AS UNSUITABLE MATERIAL.
3. THE LANDSCAPING PLANS DEPICT THE REPLACEMENT OF TOPSOIL AND SEEDING UP TO THE RIGHT-OF-WAY LINE ALONG THE WEST SIDE OF THE WEST FRONTAGE ROAD BETWEEN STA 5006+00 TO 5028+00 AS THE CURRENT EARTH CONDITION HAS BEEN DISTURBED AND REMAINS UNSEEDING AT THE TIME OF THESE CONTRACT PLANS. IF THIS EARTH AREA NOTED IS SEEDING BY OTHERS PRIOR TO THIS CONSTRUCTION, THE ENGINEER SHALL DETERMINE IF THESE AREAS BEYOND THE ACTUAL LIMITS OF EXCAVATION WILL REQUIRE TOPSOIL AND SEEDING. ANY SEEDING AND FERTILIZER QUANTITIES NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR. ANY EXCESS TOPSOIL EXCAVATION AND PLACEMENT NOT REQUIRED FOR FINAL TOPSOIL PLACEMENT SHALL BE REMOVED AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
4. TOPSOIL REMOVAL SHALL BE PAID FOR AS EITHER TOPSOIL EXCAVATION AND PLACEMENT (21101505) OR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200).
5. 6" OF UNDERCUT IS REQUIRED DIRECTLY BENEATH THE AGGREGATE SUBGRADE DEPTH FOR THE ENTIRE SUBGRADE WIDTH (34') BETWEEN STA 5502+50 TO STA 5505+50. THIS WILL REQUIRE 189 CY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, AND 189 CY OF POROUS GRANULAR EMBANKMENT, SUBGRADE.
6. RECOMMENDED TEMPORARY TOPSOIL STOCKPILE TO BE LOCATED BETWEEN STA 5035+00 TO STA 5037+00 AND OFFSET A MINIMUM OF 40 FEET WEST OF THE EXISTING WEST FRONTAGE ROAD ALIGNMENT. THE ENGINEER SHALL DETERMINE FINAL TOPSOIL STOCKPILE LOCATION. TOPSOIL IS NOT TO BE STOCKPILED OVER EXISTING KINDER MORGAN GAS PIPELINES OR IN AREAS OF UTILITY RELOCATION.

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES I

SCALE: _____ DRAWN BY: JB
DATE: 3/22/2007 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.686.9000

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	10
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

SIGNING QUANTITIES						72000100		72800100		73100100	
ROADWAY	STATION	OFFSET	SIGN DESCRIPTION	SIGN CODE	HEIGHT	WIDTH	SIGN PANEL - TYPE I (SF)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT		
WFR	5515+50	19.5' RT	HORIZONTAL ALIGNMENT LEFT REVERSE CURVE	W1-4L	2.50	2.50	6.25	14.50	1		
WFR	5518+00	LT	STOP SIGN	R1-1	3.00	3.00	9.00	15.00	1		
WFR	5519+00	LT	RIVER CROSSING DRIVE - STREET NAME SIGN	D3	1.00	4.00	4.00	13.00	1		
WFR	5538+00	21' LT	HORIZONTAL ALIGNMENT LEFT REVERSE CURVE	W1-4L	2.50	2.50	6.25	14.50	1		
WFR	5540+00	21' RT	STATE ROUTE SIGN (IL59)	M1-5	2.00	2.00	4.00	14.00	1		
WFR	5540+00	21' RT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-1	0.75	1.00	0.75	-			
WFR	5543+00	21' LT	SPEED LIMIT SIGN (45 MPH)	R2-1	3.00	2.50	7.50	15.00	1		
WFR	5544+32	30' RT	SEIL ROAD STREET NAME SIGN	D3	1.00	3.00	3.00	13.00	1		
WFR	5544+00	21' RT	STOP SIGN	R1-1	3.00	3.00	9.00	15.00	1		
WFR	5544+00	21' RT	CROSS TRAFFIC DOES NOT STOP (BOTH DIRECTIONS)	W4-4P	2.00	3.00	6.00	-			
SEIL ROAD	4009+35	30' RT	FRONTAGE ROAD ENTRANCE	CUSTOM	3.00	2.00	6.00	15.00	1		
SEIL ROAD	4010+40	16' LT	DIVIDED ROAD SIGN	W1-7	2.00	4.00	8.00	14.00	1		
SEIL ROAD	4010+60	16' LT	STATE ROUTE SIGN (IL59)	M1-5	2.00	2.00	4.00	14.00	1		
SEIL ROAD	4010+60	16' LT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1	1.50	2.00	3.00	-			
SEIL ROAD	4011+60	18' LT	FRONTAGE ROAD ENTRANCE	CUSTOM	3.00	2.00	6.00	15.00	1		
IL59	2979+00	30' LT	FRONTAGE ROAD ENTRANCE	CUSTOM	3.00	2.00	6.00	15.00	1		
TOTAL							88.75	187.00	13.00		

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES II

SCALE: _____ DRAWN BY: JB
 DATE: 03/22/2007 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 265 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312.964.8888

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	11
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)			TOTAL	56
STA.			UNIT	
EAST SIDE WFR	5007+41.55		12.0	
EAST SIDE WFR	5017+69.00		8.0	
EAST SIDE WFR	5018+47.30		11.0	
EAST SIDE WFR	5020+03.78		7.0	
EAST SIDE WFR	5022+35.84		9.0	
EAST SIDE WFR	5025+89.48		9.0	

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)			TOTAL	71
STA.			UNIT	
EAST SIDE WFR	5015+62.95		16.0	
EAST SIDE WFR	5016+27.23		21.0	
EAST SIDE WFR	5107+30.00		34.0	

25000210 SEEDING, CLASS 2A				TOTAL	6.00
		FROM STA.	TO STA.	SQ FT	ACRE
WFR LEFT		5500+00.00	5503+57.82	8029.90	0.18
WFR LEFT		5503+57.82	5504+96.12	2615.54	0.06
WFR LEFT		5504+96.12	5511+10.02	8095.01	0.19
WFR LEFT		5511+10.02	5515+98.81	7060.32	0.16
WFR LEFT		5515+98.81	5517+98.24	2991.74	0.07
WFR LEFT		5519+01.56	5521+00.10	3025.31	0.07
WFR LEFT		5521+00.10	5529+79.77	14057.20	0.32
WFR LEFT		5529+79.77	5535+00.57	13296.41	0.31
WFR LEFT		5535+00.57	5543+76.72	18728.60	0.43
WFR RIGHT		5496+64.22	5511+07.97	63068.47	1.45
WFR RIGHT		5511+07.97	5520+99.85	64912.89	1.49
WFR RIGHT		5520+99.85	5529+73.01	20553.83	0.47
WFR RIGHT		5530+06.55	5534+99.59	8401.55	0.19
WFR RIGHT		5534+99.59	5543+73.28	14221.00	0.33
WFR RIGHT		5026+91.22	5028+34.22	2857.92	0.07
RIVER CROSSING			SOUTH	519.49	0.01
			NORTH	866.98	0.02

25100630 EROSION CONTROL BLANKET				TOTAL	62080
		SQ FT	SQ YD		
STAGING	FOR TEMPORARY EROSION CONTROL SEEDING AREAS	305421.67	33935.7		
LANDSCAPING	FOR SEEDING, CLASS 2A AREAS	253302.16	28144.7		

25200110 SODDING, SALT TOLERANT				TOTAL	1060
		FROM STA.	SQ FT	SQ YD	
SEIL RD		4009+08.08	4951.18	550.13	
SEIL RD		4010+63.04	4591.83	510.20	

28000200 EARTH EXCAVATION FOR EROSION CONTROL							TOTAL	25
		STA.	LENGTH	WIDTH	DEPTH	CU FT	CU YD	
STAGE I	WFR R	5022+77.74	20	8.00	2.00	320.00	11.85	
	WFR R	5023+03.17	20	8.00	2.00	320.00	11.85	

28000250 TEMPORARY EROSION CONTROL SEEDING						TOTAL	701
		FROM STA.	TO STA.	SQ FT	ACRES	POUND	
STAGE 1	EX WFR R	5003+55.00	5024+36.99	50953.80	1.17	116.97	
	EX WFR R	5026+91.22	5028+34.22	1591.66	0.04	3.65	
	PR WFR R	5519+24.91	SEIL	44994.96	1.03	103.29	
	PR WFR L	5519+24.91	SEIL	54272.92	1.25	124.59	
STAGE 2	PR WFR L	5500+00.00	5504+71.46	9583.30	0.22	22.00	
	PR WFR L	5504+71.46	5518+19.78	18934.71	0.43	43.47	
	PR WFR L	5518+96.38	5519+50.00	1621.07	0.04	3.72	
STAGE 3	PR WFR R	5003+55.00	5028+00.00	123469.25	2.83	283.45	

28000300 TEMPORARY DITCH CHECKS				TOTAL	30
		STA.	EACH		
STAGE I	WFR R	5005+00.00	1.00		
		5007+50.00	1.00		
		5010+00.00	1.00		
		5012+50.00	1.00		
		5015+00.00	1.00		
		5017+50.00	1.00		
		5020+00.00	1.00		
		5022+50.00	1.00		
	WFR R	5023+50.00	1.00		
		5541+75.00	1.00		
	WFR L	5543+50.00	1.00		
		5541+75.00	1.00		
		5543+50.00	1.00		
STAGE II	WFR L	5502+00.00	1.00		
		5506+50.00	1.00		
		5508+00.00	1.00		
		5509+50.00	1.00		
		5511+00.00	1.00		
		5512+50.00	1.00		
		5514+00.00	1.00		
		5515+50.00	1.00		
STAGE III	WFR R	5005+00.00	1.00		
		5007+50.00	1.00		
		5010+00.00	1.00		
		5012+50.00	1.00		
		5015+00.00	1.00		
		5017+50.00	1.00		
		5020+00.00	1.00		
		5022+50.00	1.00		
		5023+50.00	1.00		
		5025+50.00	1.00		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES III

SCALE: _____ DRAWN BY: JB
 DATE: 03/22/2007 CHECKED BY: ACL

TENGL & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS
 205 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312.662.8800

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SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

28000400 PERIMETER EROSION BARRIER				TOTAL	5923
	STA FROM	STA TO	LENGTH	FOOT	
STI WFR L	5519+25.00	5519+25.00	70.42	70.42	
STI WFR L	5519+25.04	5523+19.50	383.27	383.27	
STI WFR L	5523+19.50	5529+70.84	651.34	651.34	
STI WFR L	5529+70.84	5529+70.84	10.00	10.00	
STI WFR L	5529+70.84	5529+83.87	13.03	13.03	
STI WFR L	5529+99.78	5537+79.73	807.73	807.73	
STI WFR L	5537+79.73	5544+35.45	671.46	671.46	
STI WFR R	5519+25.00	5523+22.50	411.83	411.83	
STI WFR R	5523+22.50	5530+40.83	718.35	718.35	
STI WFR R	5530+44.68	5532+96.90	245.04	245.04	
STI WFR R	5532+96.90	5532+96.90	3.00	3.00	
STI WFR R	5532+96.90	5536+27.47	319.98	319.98	
STI WFR R	5536+27.47	5536+27.47	3.00	3.00	
STI WFR R	5536+27.47	5537+60.47	129.09	129.09	
STI WFR R	5537+60.47	5544+19.73	658.70	658.70	
STI WFR R	4011+80.38	4011+80.38	42.74	42.74	
STI SEIL	4011+80.38	4010+79.41	108.56	108.56	
STI SEIL	4009+99.06	4009+09.23	89.84	89.84	
STI SEIL	4009+09.23	4009+09.23	43.08	43.08	
STII WFR	5500+00.00	5500+00.00	20.20	20.20	
STII WFR	5518+97.57	5519+50.00	122.44	122.44	
TOPSOIL STOCKPILE				5028+00.00	400.00

28000500 INLET AND PIPE PROTECTION				TOTAL	6
	STA.	OFFSET		EACH	
STI WFR	5523+94.58	RT		1.00	
STI WFR	5532+15.17	RT		1.00	
STI WFR	5534+00.11	RT		1.00	
STI WFR	5543+69.59	LT		1.00	
STI WFR	5543+69.67	RT		1.00	
STI WFR	5544+38.62	RT		1.00	

28000510 INLET FILTERS				TOTAL	16
	STA.	OFFSET		EACH	
STI WFR	5006+67.67	LT		1.00	
STI WFR	5017+83.73	LT		1.00	
STI WFR	5020+10.39	LT		1.00	
STI WFR	5023+02.04	LT		1.00	
DRIVEWAY	5518+23.32	LT		1.00	
DRIVEWAY	5518+98.78	LT		1.00	
DRIVEWAY	5519+33.50	LT		1.00	
STI WFR	5544+21.42	LT		1.00	
STI WFR	5544+20.67	RT		1.00	
STI WFR	5544+48.46	LT		1.00	
STI WFR	5544+45.73	RT		1.00	
STII WFR	5516+10.84	RT		1.00	
STII WFR	5516+45.79	LT		1.00	
STII WFR	5516+10.84	LT		1.00	
STII WFR	5513+19.61	LT		1.00	
STII WFR	5511+00.00	LT		1.00	

28100107 STONE RIPRAP, CLASS A4					TOTAL	70
	STA	OFFSET	AREA (SF)		SQ YD	
WFR	5523+94.36	RT	42.50		4.72	
WFR	5523+94.36	LT	85.00		9.44	
WFR	5532+08.00	RT	42.50		4.72	
WFR	5532+08.00	LT	85.00		9.44	
WFR	5534+00.00	RT	42.50		4.72	
WFR	5534+00.00	LT	85.00		9.44	
WFR	5544+44.00	RT	117.00		13.00	
WFR	5544+44.00	LT	134.00		14.89	

28200100 FILTER FABRIC FOR USE WITH RIPRAP					TOTAL	70
	STA	OFFSET	AREA (SF)		SQ YD	
WFR	5523+94.36	RT	42.50		4.72	
WFR	5523+94.36	LT	85.00		9.44	
WFR	5532+08.00	RT	42.50		4.72	
WFR	5532+08.00	LT	85.00		9.44	
WFR	5534+00.00	RT	42.50		4.72	
WFR	5534+00.00	LT	85.00		9.44	
WFR	5544+44.00	RT	117.00		13.00	
WFR	5544+44.00	LT	134.00		14.89	

28001000 AGGREGATE (EROSION CONTROL)								TOTAL	5
	STA.	LENGTH	WIDTH	DEPTH	CU FT	CU YD			
WFR STI SED BASIN	WFR R	5022+77.74	4	8.00	1.00	32.00	1.19		
WFR STI SED BASIN	WFR R	5023+03.17	4	8.00	1.00	32.00	1.19		

35102000 AGGREGATE BASE COURSE, TYPE B 8"					TOTAL	200
	STA.	SQ FT			SQ YD	
FIELD ENTRANCE	WFR L	5529+89.78	791.72		87.97	
FIELD ENTRANCE	WFR R	5529+89.78	601.92		66.88	
BIT SIDEWALK	RIVER CROSSING DRIVE / WFR	5518+93.70	405.90		45.10	

40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70						TOTAL	5
	STA	LENGTH	WIDTH	DEPTH	SQ YD		TON
WFR CULVERT	5544+41.00	65.00	4	3.00	28.89		4.85

31102500 SUB-BASE GRANULAR MATERIAL, TYPE C 8"							TOTAL	4488
FROM STA.	TO STA.	LENGTH	WIDTH	LT & RT SIDES	SF		SQ YD	
5500+00	5544+87.97	4487.97	4.50	2.00	40391.73		4487.97	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES IV

SCALE: DRAWN BY: JB
DATE: 3/22/2007 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/LANDSCAPE ARCHITECTS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TEL: (312) 527-0900

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 BONDHULLO

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	13
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

40701996 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 3/4" TOTAL 12852							
FROM STA.	TO STA.	LENGTH	WIDTH 1	WIDTH 2	THEO. AREA	ACT. AREA	SQ YD
WFR	5500+00.00	5503+00.00	300.00	31.53	24.00	8329.50	925.50
WFR	5503+00.00	5543+46.62	4046.62	24.00	24.00	97118.88	10790.99
WFR	5543+46.62	5544+55.00				3963.77	440.42
WFR DRIVE	5517+74.11	5519+27.55				6258.12	695.35

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING TOTAL 22					
STA.	SQ FT	DEPTH	SQ YD	TON	
W FRONT	5529+89.78	791.72	2.00	87.97	9.85
W FRONT	5529+89.78	601.92	2.00	66.88	7.49
RIVER CROSSING DRIVE/ WFR	5518+93.70	405.90	2.00	45.10	5.05

44000100 PAVEMENT REMOVAL TOTAL 8736				
FROM STA.	TO STA.	SQ FT	SQ YD	
W. FRONTAGE RD	5006+90.75	5025+22.70	78626.08	8736.23

44000500 COMBINATION CURB AND GUTTER REMOVAL TOTAL 658		
FOOT		
RIVER CROSSING DRIVE EB OUTSIDE		164.00
RIVER CROSSING DRIVE MEDIAN		154.00
RIVER CROSSING DRIVE WB OUTSIDE & WFR		340.00

44004250 PAVED SHOULDER REMOVAL TOTAL 870				
FROM STA.	TO STA.	OFFSET	SQ YD	
5006+90.75	5024+36.38	LT	430.00	
5006+90.75	5028+00.00	RT	440.00	

48101500 AGGREGATE SHOULDERS, TYPE B 6" TOTAL 447					
FROM STA.	TO STA.	THEO. LENGTH	WIDTH	SQ FT	SQ YD
MOT STI WFR R	5004+24.31	5024+36.99	2012.68	2.00	4025.36
					447.26

48101600 AGGREGATE SHOULDERS, TYPE B 8" TOTAL 918							
FROM STA.	TO STA.	THEO. LENGTH	ACT. LENGTH	WIDTH	SQ FT	SQ YD	
WFR L	5500+00.00	5517+74.11	1774.11				
			41.43	1.00	1774.11	197.12	
			75.42	1.00	41.43	4.60	
				1.00	75.42	8.38	
				1.00	1045.46	116.16	
				1.00	1370.07	152.23	
WFR R	5500+00.00	5513+01.82	1301.82				
			1116.75	1.00	1301.82	144.65	
				1.00	1116.75	124.08	
				1.00	1366.73	151.86	
WFR AT SEIL TEMP			46.00	2.00	92.00	10.22	
			39.00	2.00	78.00	8.67	

48203009 HOT-MIX ASPHALT SHOULDERS, 3" TOTAL 141							
FROM STA.	TO STA.	WIDTH	LENGTH	SQ FT	SQ YD		
1-55 IMPACT ATT (WFR)	5026+96.25	5028+04.25	9.00	108.00	972.00	108.00	
1-55 IMPACT ATT (WFR)	5028+04.25	5028+29.24	12.00	25.00	300.00	33.33	

48203029 HOT-MIX ASPHALT SHOULDERS, 8" TOTAL 3759							
FROM STA.	TO STA.	THEO. LENGTH	ACT. LENGTH	WIDTH	SQ FT	SQ YD	
WFR L	5500+00.00	5517+74.11	1774.11				
			41.43	4.00	7096.44	788.49	
			75.42	4.00	165.72	18.41	
				4.00	301.68	33.52	
				4.00	4181.84	464.65	
				4.00	5480.28	608.92	
WFR R	5500+00.00	5513+01.82	1301.82				
			1116.75	4.00	5207.28	578.59	
				4.00	4467.00	496.33	
				4.00	5466.92	607.44	
WFR R GUARDRAIL	5513+01.82	5518+56.26	554.44				
				VAR	1465.92	162.88	

50104300 CONCRETE HEADWALL REMOVAL TOTAL 1			
STA.	OFFSET	CU YD	
24" HEADWALL	5023+02.00	RT	0.75

50105220 PIPE CULVERT REMOVAL TOTAL 44		
STA.	FOOT	
27" RCCP	5023+02.04	44.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES V

SCALE: DRAWN BY: JB
DATE: 3/22/2007 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERING SURVEYING & DESIGN
285 N. MICHIGAN AVE. CHICAGO, IL 60610
TELEPHONE: 312-956-9999

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 BONDHULLO

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	14
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 99(1&2)AC-R-2		CONTRACT NO. 60897		

55100900 STORM SEWER REMOVAL 18"				TOTAL	518
FROM STA.	TO STA.	OFFSET		FOOT	
18" RCCP	5017+83.73	5020+10.39	LT	226.65	
18" RCCP	5020+10.39	5023+02.04	LT	291.66	

55101800 STORM SEWER REMOVAL 42"				TOTAL	46
FROM STA.	TO STA.	OFFSET		FOOT	
42" RCCP	5023+02.04	5023+34.94	LT	46.47	

51205200 TEMPORARY SHEET PILING			TOTAL	850	
				SQ FT	
STAGE II			595.00		
STAGE III			255.00		

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12				TOTAL	192
				FOOT	
RIVER CROSSING DRIVE	EB	OUTSIDE		71.33	
RIVER CROSSING DRIVE		MEDIAN		95.27	
RIVER CROSSING DRIVE	WB	OUTSIDE		25.16	

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24				TOTAL	160
STA	STA	MEASURED LENGTH		FOOT	
WFR SB	5543+76.62	554455.00	83.92	76.92	
WFR NB	5543+73.28	554455.00	89.73	83.23	

63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A				TOTAL	387.5
				FOOT	
NB WEST FRONTAGE ROAD	5513+85.84	5517+73.34		387.50	

63100167 TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)				TOTAL	2
FROM STA.	TO STA.			EACH	
NB W. FRONTAGE RD	5513+35.84	5513+85.84		1.00	
NB W. FRONTAGE RD	5517+73.34	5518+23.34		1.00	

63500105 DELINEATORS							TOTAL	62
	FROM STA.	TO STA.	LENGTH	SPACING	# OF POSTS	# OF DEL. /POST	EACH	
WFR SB CURVE	5500+00.00	5503+15.00	315.00	400.00	1.00	1.00	1.00	
WFR SB TANGENT	5503+15.00	5516+09.00	1294.00	400.00	4.00	1.00	4.00	
WFR SB CURVE	5516+09.00	5523+19.00	710.00	100.00	12.00	1.00	12.00	
+ 4 POSTS FOR SP.								
WFR SB TANGENT	5523+19.00	5530+50.00	731.00	400.00	2.00	1.00	2.00	
WFR SB CURVE	5530+50.00	5537+79.00	729.00	100.00	12.00	2.00	12.00	
+ 4 POSTS FOR SP.								
WFR SB TANGENT	5537+79.00	5543+76.00	597.00	400.00	2.00	1.00	2.00	
WFR NB CURVE	5500+00.00	5503+15.00	315.00	400.00	1.00	1.00	1.00	
WFR NB TANGENT	5503+15.00	5513+01.82	986.82	400.00	3.00	1.00	3.00	
WFR NB CURVE	5518+56.26	5523+19.00	462.74	100.00	9.00	2.00	9.00	
+ 4 POSTS FOR SP.								
WFR NB TANGENT	5523+19.00	5530+50.00	731.00	400.00	2.00	1.00	2.00	
WFR NB CURVE	5530+50.00	5537+79.00	729.00	100.00	12.00	1.00	12.00	
+ 4 POSTS FOR SP.								
WFR NB TANGENT	5537+79.00	5543+76.00	597.00	400.00	2.00	2.00	2.00	

66500105 WOVEN WIRE FENCE, 4'				TOTAL	2368
				FOOT	
WFR STAGE I	5003+54.81	5026+60.79		2308.31	
WFR STAGE III ADD. REQUIRED	5519+42.42	TIE TO EXIST I-55		60.00	

66502300 WOVEN WIRE FENCE REMOVAL				TOTAL	2306
FROM STA.	TO STA.			FOOT	
WFR STAGE I	5003+54.81	5026+60.79		2305.98	

66502400 WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED				TOTAL	2308
				FOOT	
WFR STAGE III	5496+64.06	5519+42.42		2278.36	
WFR STAGE III	5519+42.42	TIE TO EXIST I-55		30.00	

54205062 PIPE CULVERTS, SPECIAL 27"				TOTAL	51 FOOT
STA. 5516+10.84	STAGE I		6'		
STA. 5516+10.84	STAGE II		45'		

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES VI

SCALE: _____ DRAWN BY: JB
 DATE: 3/22/2007 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 305 N. MICHIGAN AVE. CHICAGO, IL 60610
 TEL: 312.587.0000

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	15
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 99(1&2)AC-R-2		CONTRACT NO. 60B97		

70301000 WORK ZONE PAVEMENT MARKING REMOVAL							TOTAL	1603
FROM STA.	TO STA.	THEO. LGT.	ACT. LGT.	WIDTH	MULT.	SQ FT		
STAGE II								
WFR SB AUX GORE	5496+61.81	5496+96.62	107.50	0.67	1.00	71.59		
WFR SB AUX GORE	5496+61.81	5496+96.62	39	1	1	39.00		
WFR CEN DOUB YEL	5003+52.55	5006+90.75	338.20	0.33	2.00	225.44		
WFR NB EDGE	5002+62.15	5025+22.82	2260.67	0.33	1.00	753.48		
WFR CEN DOUB YEL	5018+60.62	5025+22.82	662.20	0.33	2.00	441.03		
RCD LT MARKING						36.40		
RCD LT MARKING						36.40		

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS						TOTAL	171	
FROM STA.	TO STA.					SQ FT		
WFR SB AUX	5496+96.62	5499+78.32	ONLY			22.90		
	5496+96.62	5499+78.32	(ARROW)			15.80		
	5496+96.62	5499+78.32	(ARROW)			15.80		
RIVER CROSSING DRIVE			ONLY			22.90		
			(ARROW)			22.90		
			(ARROW)			15.80		
			(ARROW)			15.80		
			ONLY			22.90		
			(ARROW)			15.80		

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"							TOTAL	18728
FROM STA.	TO STA.	DESCRIPTION	LENGTH	NUMBER	FOOT			
WFR CENTER	5496+61.81	5517+96.63	YELLOW SOLID DOUBLE	2134.82	2.0	4269.64		
WFR CENTER	5518+87.79	5544+03.28	YELLOW SOLID DOUBLE	2515.49	2.0	5030.98		
WFR NB	5495+71.40	5543+43.28	WHITE EDGE LINE	4771.88	1.00	4771.88		
WFR NB	5543+43.28	RADIUS RETURN	WHITE EDGE LINE	168.55	1.00	168.55		
WFR SB	5499+78.32	5517+74.11	WHITE EDGE LINE	1795.79	1.00	1795.79		
WFR SB	5517+74.11	RADIUS RETURN	WHITE EDGE LINE	41.43	1.00	41.43		
WFR SB	RADIUS RETURN	5519+27.55	WHITE EDGE LINE	75.42	1.00	75.42		
WFR SB	5519+27.55	5543+46.62	WHITE EDGE LINE	2419.07	1.00	2419.07		
WFR SB	5543+46.62	RADIUS RETURN	WHITE EDGE LINE	154.75	1.00	154.75		

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"								TOTAL	218
FROM STA.	TO STA.	DESCRIPTION	LENGTH	WIDTH	MULT	FOOT			
WFR SB AUX	5496+96.62	5498+46.68	WHITE LANE LINE	150.06	1.00	1.00	150.06		
WFR SB AUX	5498+46.68	5499+78.32	WHITE SKIP DASH	131.64	0.25	1.00	32.91		
RCD SB	LANE LINE		WHITE LANE LINE	35.40	1.00	1.00	35.40		

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"				TOTAL	107	
FROM STA.	TO STA.			FOOT		
WFR SB AUX GORE	5496+61.81	5496+96.62			107.50	

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"					TOTAL	39	
FROM STA.	TO STA.				FOOT		
WFR SB AUX GORE	5496+61.81	5496+96.62				39.00	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"				TOTAL	38	
STA				FOOT		
RCD				22.90		
WFR	554403.28				15.00	

78100100 RAISED REFLECTIVE PAVEMENT MARKER							TOTAL	166
FROM STA.	TO STA.	LENGTH	TYPE	SPACING #		CASINGS EACH		
WEST FRONTAGE RD	5496+61.80	5544+03.28	4741.48	TWO-WAY	AMBERS	80.00	2.0	120.00
CURVES EXTRA	5500+00.00	5503+15.33	315.33	TWO-WAY	AMBERS	80.00	2.0	8.00
CURVES EXTRA	5516+09.15	5523+19.50	710.35	TWO-WAY	AMBERS	80.00	2.0	18.00
CURVES EXTRA	5530+05.84	5537+79.73	773.89	TWO-WAY	AMBERS	80.00	2.0	20.00

78200410 GUARDRAIL MARKERS, TYPE A						TOTAL	6
FROM STA.	TO STA.	LENGTH	SPACING	EACH			
NB WEST FRONTAGE ROAD	5513+35.84	5518+22.47	486.63	80.00			6.08

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES VII

SCALE: _____ DRAWN BY: JB
 DATE: 3/22/2007 CHECKED BY: ACL

TENG

TENG & ASSOCIATES INC.
 ENGINEERS ARCHITECTS PLANNERS
 305 N. MICHIGAN AVE. CHICAGO, IL 60610
 TELEPHONE: 312.666.9900

SCHEDULE OF QUANTITIES

F.A.I. RATE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	16
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
* 99(1&2)AC-R-2				CONTRACT NO. 60897

78201000 TERMINAL MARKER - DIRECT APPLIED		TOTAL	2
STA.		EACH	
NB W. FRONTAGE RD	5513+35.84	1.00	
NB W. FRONTAGE RD	5518+23.34	1.00	

X0323260 SEDIMENT BASIN		TOTAL	2
STA.		EACH	
STAGE I WFR R	5022+77.74 RT	1.00	
WFR R	5023+03.17 RT	1.00	

X0712400 TEMPORARY PAVEMENT		TOTAL	3525
FROM STA. TO STA.		SQ FT	SQ YD
STAGE I NB W. FRNT RD	5004+24.31 5024+37.00	27123.69	3013.74
STAGE IIA RIVER CROSSING	5517+43.62 5518+33.23	1735.00	192.78
STAGE I SEIL ROAD	5544+55.00 5544+87.97	2869.00	318.78

X7030104 WET TEMPORARY PAVEMENT MARKING TAPE , TYPE III, 4 INCH		TOTAL	29268
FROM STA.	TO STA.	THEO. LGT. ACT. LGT. MULT COLOR	FOOT
STII WFR SB EDGE	5003+52.55 5024+86.16	2258.72 1	WHITE 2258.72
STII WFR NB EDGE	5002+62.15 5025+22.82	2262.17 1	WHITE 2262.17
STII WFR CENTER	5003+52.55 5024+84.68	2133.94 2	YELLOW 4267.88
STIIA RCD CENTER		450 2	YELLOW 900.00
STIIA RCD CENTER STOP LINE		15 6	WHITE 90.00
STIIB RCD CENTER		450 2	YELLOW 900.00
STIIB RCD CENTER STOP LINE		15 6	WHITE 90.00
STIII WFR SB EDGE	5500+00.00 5517+74.91	1774.91 1	WHITE 1774.91
STIII WFR SB EDGE	5517+74.91 RADIUS RETURN	41.4 1	WHITE 41.40
STIII WFR SB EDGE	RADIUS RETURN 5519+28.92	75.46 1	WHITE 75.46
STIII WFR SB EDGE	5519+28.92 5521+20.22	191.3 1	WHITE 191.30
STIII WFR CENTER	5496+61.40 5517+97.70	2136.3 2	YELLOW 4272.60
STIII WFR CENTER	5518+70.37 5521+20.00	249.63 2	YELLOW 499.26
STIII WFR NB EDGE	5495+71.40 5521+19.79	2548.387 1	WHITE 2548.39
(RE-APPLICATIONS) 50% OF SUBTOTAL			9096.00

XX003669 BITUMINOUS SIDEWALK REMOVAL		TOTAL	88
		SQ YD	
		87.92	

Z0001050 AGGREGATE SUBGRADE 12"		TOTAL	17934
FROM STA. TO STA.		LENGTH AVG WDH.	SQ FT SQ YD
W/ SHLDR W. FRONTAGE RD	5500+00.00 5503+00.00	300.00 38.10	11428.50 1269.83
W/ SHLDR W. FRONTAGE RD	5503+00.00 5517+74.11	1474.11 34.33	50611.06 5623.45
W/ SHLDR W. FRONTAGE RD	5517+74.11 5519+27.55	153.44 29.17	4475.08 497.23
W/ SHLDR W. FRONTAGE RD	5519+27.55 5543+46.62	2419.07 34.33	83054.66 9228.30
W/ SHLDR W. FRONTAGE RD	5543+46.62 5543+76.62	30.00 35.91	1077.41 119.71
W/ CURB W. FRONTAGE RD	5543+76.62 5544+55.00	78.38	3546.62 394.07
RIVER CROSSING DRIVE	W. FRONTAGE RD 5517+74.11 5519+27.55		7213.44 801.49

Z0018500 DRAINAGE STRUCTURES TO BE CLEANED		TOTAL	7
STA.	OFFSET	EACH	
STI WFR	5006+67.67 LT	1.00	
STI WFR	5017+83.73 LT	1.00	
STI WFR	5020+10.39 LT	1.00	
STI WFR	5023+02.04 LT	1.00	
DRIVEWAY	5518+23.32 LT	1.00	
DRIVEWAY	5518+98.78 LT	1.00	
DRIVEWAY	5519+33.50 LT	1.00	

Z0030250 IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3		TOTAL	5
		EACH	
ST I WFR R	5017+89.80	1.00	
ST I WFR R	5021+76.78	1.00	
ST I I-55 SHLDR	5028+04.35	1.00	
ST II WFR L	5024+10.00	1.00	
ST II WFR L	5022+00.00	1.00	

Z0030350 IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3		TOTAL	2
		EACH	
STA. 5517+33.00 RT			
STA. 5514+85+00 RT			

70400100 TEMPORARY CONCRETE BARRIER		TOTAL	3100
FROM STA.	TO STA.	FOOT	
STAGE I	83+53.23 108+04.27	2460	
STAGE I	5017+89.80 5021+76.72	390	
STAGE II	5515+23.51 5517+16.61	200	
STAGE III	5514+85.00 5517+34.74	50	

70400200 RELOCATE TEMPORARY CONCRETE BARRIER		TOTAL	200
FROM STA.	TO STA.	FOOT	
STAGE III	5514+85.00 5517+34.74	200	
FROM STAGE II			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES VIII

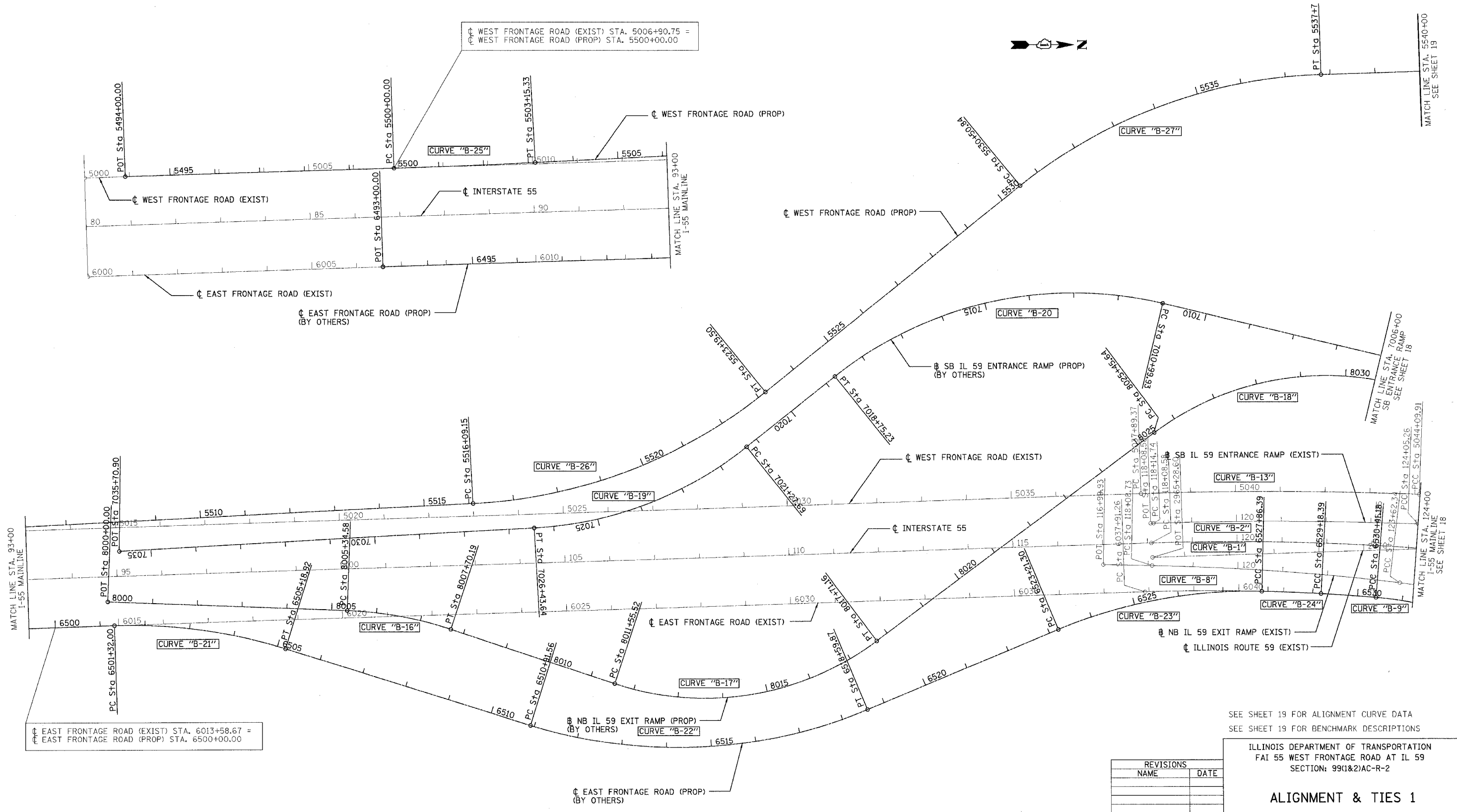
SCALE: DRAWN BY: JB
DATE: 3/22/2007 CHECKED BY: ACL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
385 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.664.6000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL.	102	17
STA. TO STA.		FED. AID PROJECT		
99(1&2)AC-R-2		CONTRACT NO. 60B97		



☐ EAST FRONTAGE ROAD (EXIST) STA. 6013+58.67 =
 ☐ EAST FRONTAGE ROAD (PROP) STA. 6500+00.00

☐ WEST FRONTAGE ROAD (EXIST) STA. 5006+90.75 =
 ☐ WEST FRONTAGE ROAD (PROP) STA. 5500+00.00

SEE SHEET 19 FOR ALIGNMENT CURVE DATA
 SEE SHEET 19 FOR BENCHMARK DESCRIPTIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

ALIGNMENT & TIES 1

SCALE: 1"=100'
 DATE: 03/22/2007
 DRAWN BY: BRH
 CHECKED BY: ACL

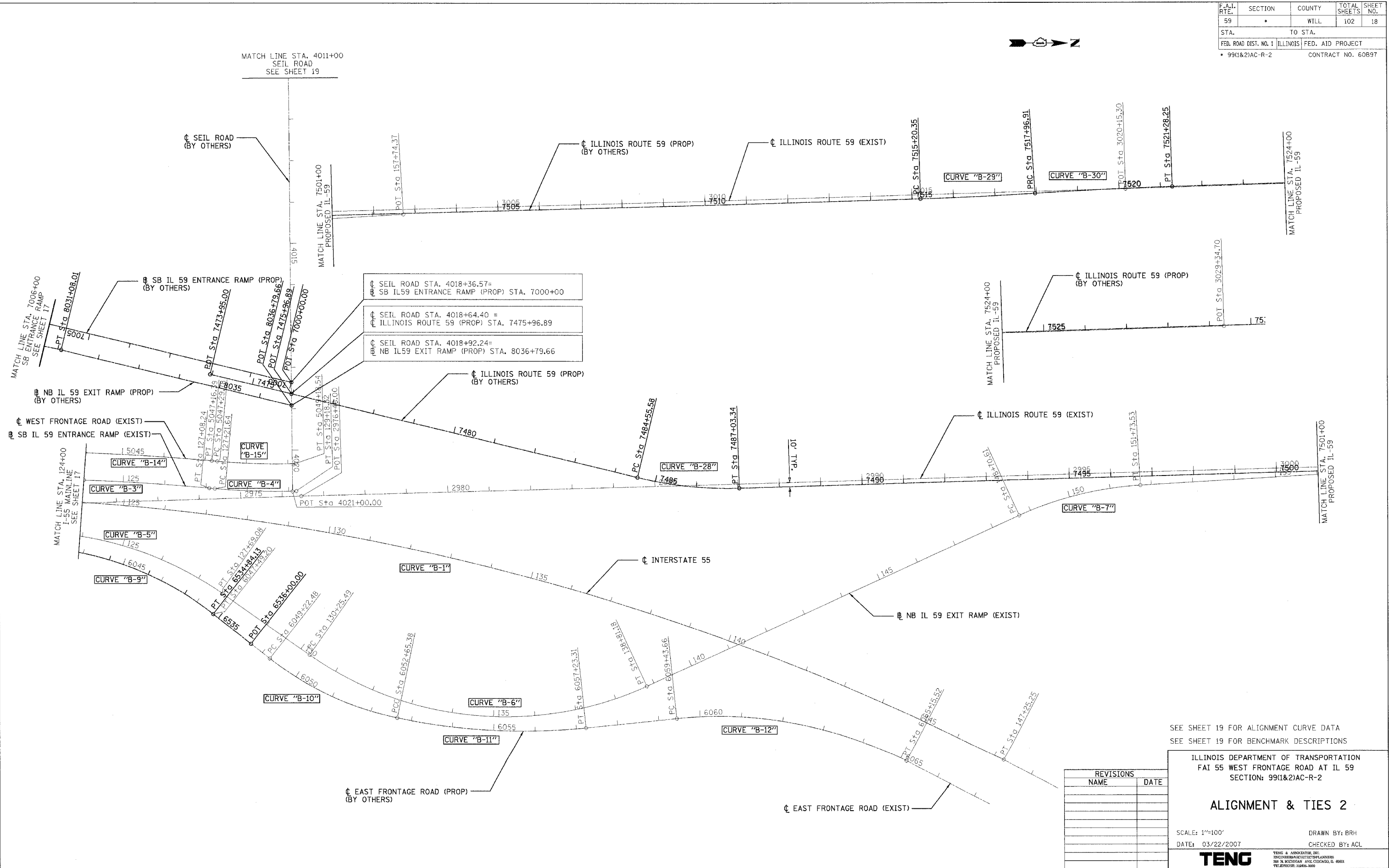
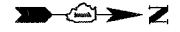


TENG & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS
 260 N. MICHIGAN AVE., CHICAGO, IL 60601
 TELEPHONE: 312.467.8000

REVISIONS	
NAME	DATE

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL.	102	18
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 99(1&2)AC-R-2		CONTRACT NO. 60897		



SEIL ROAD STA. 4018+36.57 = SB IL59 ENTRANCE RAMP (PROP) STA. 7000+00
 SEIL ROAD STA. 4018+64.40 = ILLINOIS ROUTE 59 (PROP) STA. 7475+96.89
 SEIL ROAD STA. 4018+92.24 = NB IL59 EXIT RAMP (PROP) STA. 8036+79.66

SEE SHEET 19 FOR ALIGNMENT CURVE DATA
 SEE SHEET 19 FOR BENCHMARK DESCRIPTIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

ALIGNMENT & TIES 2

SCALE: 1"=100' DRAWN BY: BRH
 DATE: 03/22/2007 CHECKED BY: ACL

REVISIONS	
NAME	DATE

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS
 200 N. MICHIGAN AVE. SUITE 2000, CHICAGO, IL 60601
 TELEPHONE: 312.666.3000

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 BONHILL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	19

STA. TO STA.
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
• 9911&21AC-R-2 CONTRACT NO. 60897

ALIGNMENT DATA

I-55				IL-59 SOUTHBOUND EXISTING ENTRANCE RAMP			IL-59 NORTHBOUND EXISTING EXIT RAMP				
CURVE "B-1"	CURVE "B-2"	CURVE "B-3"	CURVE "B-4"	CURVE "B-5"	CURVE "B-6"	CURVE "B-7"					
PI STA. = 132+99.24 Δ = 29° 10' 00" (RT) D = 1° 00' 00" R = 5,729.58' T = 1,490.66' L = 2,916.67' E = 190.74' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 118+08.58 P.T. STA. = 147+25.25	PI STA. = 121+10.12 Δ = 4° 01' 22" (RT) D = 0° 40' 52" R = 8,410.64' T = 295.38' L = 590.52' E = 5.19' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 118+14.74 P.T. STA. = 124+05.26	PI STA. = 125+56.79 Δ = 3° 01' 48" (RT) D = 1° 00' 00" R = 5,729.25' T = 151.53' L = 302.98' E = 2.00' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 124+05.26 P.T. STA. = 127+08.24	PI STA. = 128+20.10 Δ = 6° 52' 57" (LT) D = 3° 29' 57" R = 1,637.36' T = 98.46' L = 196.68' E = 2.96' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 127+21.64 P.T. STA. = 129+18.32	PI STA. = 125+70.00 Δ = 28° 28' 17" (RT) D = 7° 00' 00" R = 818.52' T = 207.66' L = 406.74' E = 25.93' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 123+62.34 P.T. STA. = 127+69.08	PI STA. = 134+97.03 Δ = 59° 51' 43" (LT) D = 6° 59' 45" R = 819.01' T = 471.54' L = 855.69' E = 126.04' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 130+25.49 P.T. STA. = 138+81.18	PI STA. = 150+23.82 Δ = 21° 11' 30" (RT) D = 6° 59' 45" R = 819.00' T = 153.21' L = 302.92' E = 14.21' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 148+70.61 P.T. STA. = 151+73.53					
EXISTING EAST FRONTAGE ROAD				EXISTING WEST FRONTAGE ROAD							
CURVE "B-8"	CURVE "B-9"	CURVE "B-10"	CURVE "B-11"	CURVE "B-12"	CURVE "B-13"	CURVE "B-14"	CURVE "B-15"				
PI STA. = 6040+49.03 Δ = 6° 32' 28" (RT) D = 1° 16' 12" R = 4,511.00' T = 257.78' L = 514.99' E = 7.36' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 6037+91.26 P.T. STA. = 6043+06.25	PI STA. = 6045+34.34 Δ = 33° 42' 12" (RT) D = 7° 36' 32" R = 753.02' T = 228.09' L = 442.95' E = 33.79' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 6043+06.25 P.T. STA. = 6047+49.20	PI STA. = 6050+97.08 Δ = 26° 36' 55" (LT) D = 7° 45' 42" R = 738.19' T = 174.60' L = 342.90' E = 20.37' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 6049+22.48 P.T. STA. = 6052+65.38	PI STA. = 6054+96.20 Δ = 17° 46' 14" (LT) D = 3° 52' 50" R = 984.25' T = 230.82' L = 457.93' E = 17.93' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 6052+65.38 P.T. STA. = 6057+23.31	PI STA. = 6062+37.92 Δ = 33° 17' 22" (RT) D = 5° 49' 17" R = 1,476.44' T = 294.26' L = 571.86' E = 43.04' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 6059+43.66 P.T. STA. = 6065+15.52	PI STA. = 5040+99.77 Δ = 4° 03' 25" (RT) D = 0° 39' 14" R = 8,763.78' T = 310.40' L = 620.53' E = 5.50' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 5037+89.37 P.T. STA. = 5044+09.91	PI STA. = 5045+63.18 Δ = 3° 01' 48" (RT) D = 0° 59' 19" R = 5,795.37' T = 153.28' L = 306.48' E = 2.03' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 5044+09.91 P.T. STA. = 5047+16.39	PI STA. = 5048+24.27 Δ = 6° 52' 57" (LT) D = 3° 38' 47" R = 1,571.36' T = 94.49' L = 188.76' E = 2.84' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 5047+29.78 P.T. STA. = 5049+18.54				
IL-59 NORTHBOUND EXIT RAMP PROPOSED				IL-59 SOUTHBOUND ENTRANCE RAMP PROPOSED			PROPOSED EAST FRONTAGE ROAD				
CURVE "B-16"	CURVE "B-17"	CURVE "B-18"	CURVE "B-19"	CURVE "B-20"	CURVE "B-21"	CURVE "B-22"	CURVE "B-23"	CURVE "B-24"			
PI STA. = 8006+53.17 Δ = 16° 08' 09" (RT) D = 6° 50' 55" R = 836.61' T = 118.59' L = 235.61' E = 8.36' e = 0.06 T.R. = ---- S.E. RUN = 128' P.C. STA. = 8005+34.58 P.T. STA. = 8007+70.19	PI STA. = 8014+89.52 Δ = 55° 08' 09" (LT) D = 8° 57' 21" R = 639.76' T = 334.00' L = 615.64' E = 81.94' e = 0.06 T.R. = ---- S.E. RUN = 237' P.C. STA. = 8011+55.52 P.T. STA. = 8017+71.16	PI STA. = 8028+46.45 Δ = 50° 21' 53" (RT) D = 8° 57' 21" R = 639.76' T = 300.81' L = 562.37' E = 67.19' e = 0.06 T.R. = ---- S.E. RUN = 119' P.C. STA. = 8025+45.64 P.T. STA. = 8031+08.01	PROP. CURVE SBRPPR-2 PI STA. = 7023+94.16 Δ = 35° 20' 07" (RT) D = 6° 50' 55" R = 836.61' T = 266.48' L = 515.95' E = 41.41' e = 0.06 T.R. = ---- S.E. RUN = 231' P.C. STA. = 7021+27.69 P.T. STA. = 7026+43.64	PI STA. = 7015+16.69 Δ = 52° 05' 45" (LT) D = 6° 43' 10" R = 852.69' T = 416.77' L = 775.30' E = 96.40' e = 0.06 T.R. = ---- S.E. RUN = 113' P.C. STA. = 7010+99.93 P.T. STA. = 7018+75.23	PI STA. = 6503+27.30 Δ = 19° 12' 46" (RT) D = 4° 57' 56" R = 1,153.87' T = 195.30' L = 386.92' E = 16.41' e = 0.033 T.R. = 28' S.E. RUN = 120' P.C. STA. = 6501+32.00 P.T. STA. = 6505+18.92	PI STA. = 6514+92.17 Δ = 40° 03' 09" (LT) D = 5° 12' 47" R = 1,099.08' T = 400.60' L = 768.31' E = 70.73' e = 0.034 T.R. = 28' S.E. RUN = 120' P.C. STA. = 6510+91.56 P.T. STA. = 6518+59.87	PI STA. = 6525+57.34 Δ = 24° 08' 41" (RT) D = 5° 11' 29" R = 1,103.67' T = 236.05' L = 465.09' E = 24.96' e = 0.034 T.R. = 28' S.E. RUN = 120' P.C. STA. = 6523+21.30 P.T. STA. = 6527+86.39	PI STA. = 6528+52.39 Δ = 1° 40' 36" (RT) D = 1° 16' 12" R = 4,511.00' T = 66.00' L = 132.00' E = 0.48' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 6527+86.39 P.T. STA. = 6529+18.39			
PROPOSED WEST FRONTAGE ROAD				PROPOSED IL-59							
CURVE "B-25"	CURVE "B-26"	CURVE "B-27"	CURVE "B-28"	CURVE "B-29"	CURVE "B-30"						
PI STA. = 5501+57.67 Δ = 1° 06' 02" (LT) D = 0° 20' 56" R = 16,415.98' T = 157.67' L = 315.33' E = 0.76' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 5500+00.00 P.T. STA. = 5503+15.33	PI STA. = 5519+76.56 Δ = 36° 06' 16" (LT) D = 5° 04' 17" R = 1,127.29' T = 367.42' L = 710.36' E = 58.37' e = 0.039 T.R. = 36' S.E. RUN = 150' P.C. STA. = 5516+09.15 P.T. STA. = 5523+19.50	PI STA. = 5534+28.59 Δ = 37° 06' 40" (RT) D = 5° 05' 29" R = 1,125.33' T = 377.74' L = 728.89' E = 61.71' e = 0.039 T.R. = 36' S.E. RUN = 150' P.C. STA. = 5530+50.84 P.T. STA. = 5537+79.73	PI STA. = 7485+80.19 Δ = 15° 10' 55" (LT) D = 6° 07' 40" R = 935.04' T = 124.61' L = 247.76' E = 8.27' e = 0.057 T.R. = 45' S.E. RUN = 135' P.C. STA. = 7484+55.58 P.T. STA. = 7487+03.34	PI STA. = 7516+58.64 Δ = 2° 06' 39" (LT) D = 0° 45' 48" R = 7,506.55' T = 138.30' L = 276.57' E = 1.27' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 7515+20.35 P.T. STA. = 7517+96.91	PI STA. = 7519+20.01 Δ = 1° 54' 40" (RT) D = 0° 46' 35" R = 7,380.31' T = 123.10' L = 246.18' E = 1.03' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA. = 7517+96.91 P.T. STA. = 7520+43.09						

BENCHMARK DESCRIPTIONS

- TBM#1 TOP OF A LARGE NAIL SET IN THE EAST FACE OF POWER POLE ON WEST SIDE OF WEST FRONTAGE RD. NEAR STA. 116+00 (I-55 CENTERLINE). ELEV. 595.91
- TBM#2 (THIS BENCHMARK NO LONGER EXISTS)
- TBM#3 SQUARE CUT ON TOP OF BOX CULVERT HEADWALL (NEAR CENTER OF THE HEADWALL) AT THE NORTHWEST CORNER OF THE INTERSECTION OF SEIL RD. AND WEST FRONTAGE RD. ELEV. 591.70
- TBM#4 SQUARE CUT ON NORTHERLY END OF CONCRETE FLOOR OF BOX CULVERT END SECTION LOCATED ON EAST SIDE OF IL-59 NEAR STA. 7499+81 (IL-59 CENTERLINE). ELEV. 576.00
- TBM#5 SQUARE CUT ON TOP OF RETAINING WALL NEAR DU PAGE RIVER BRIDGE ON EAST SIDE OF IL-59 AND +/- 34 FEET SOUTH OF THE SOUTH ABUTMENT. ELEV. 582.06
- TBM#6 SQUARE CUT ON TOP OF CONCRETE FOUNDATION @ ITS WEST EDGE) FOR THE HIGH MAST LIGHT POLE ON WEST SIDE OF I-55 NEAR STATION 124+00. ELEV. 592.98

ALIGNMENT TIE DATA

ALIGNMENT	ALIGNMENT STA.	O/S	I-55 STA.	NORTHING	EASTING
SB IL-59 ENTRANCE RAMP EXIST	118+08.58	44.000 LT	118+08.58	1,761,871.595384	1,021,239.278343
NB IL-59 EXIT RAMP EXIST	116+99.93	44.999 RT	116+99.93	1,761,765.744000	1,021,331.589000
EAST FRONTAGE ROAD EXIST	6000+00.00	110.859 RT	80+00.00	1,758,069.609016	1,021,511.606147
WEST FRONTAGE ROAD EXIST	5000+00.00	108.448 LT	80+00.00	1,758,062.840636	1,021,292.404459
SB IL-59 ENTRANCE RAMP PROP	7000+00.00	344.029 LT	128+56.09	1,762,969.162974	1,021,006.486717
NB IL-59 EXIT RAMP PROP	8000+00.00	56.000 RT	94+77.57	1,759,544.779680	1,021,411.172031
EAST FRONTAGE ROAD PROP	6500+00.00	110.068 RT	93+58.67	1,759,427.610996	1,021,468.883983
WEST FRONTAGE ROAD PROP	5500+00.00	108.859 LT	86+90.75	1,758,753.248252	1,021,270.674576

REVISIONS	
NAME	DATE

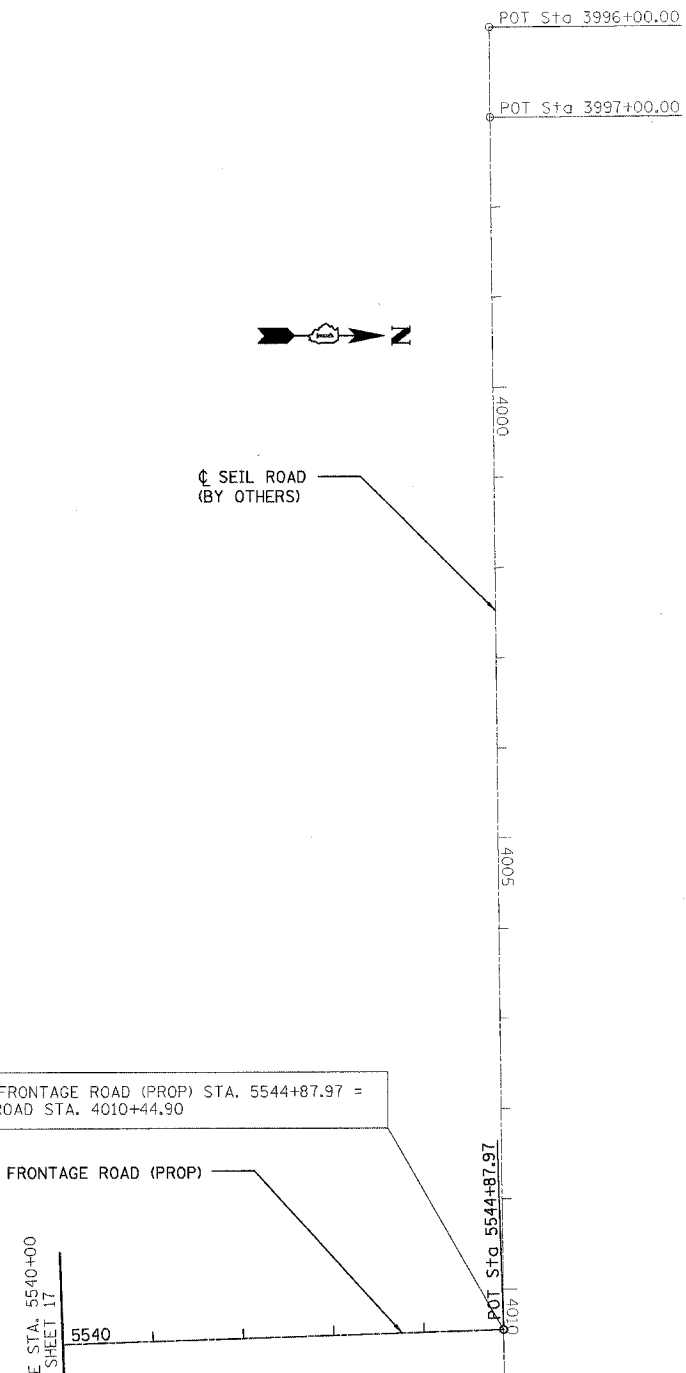
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 9911&21AC-R-2

ALIGNMENT & TIES 3

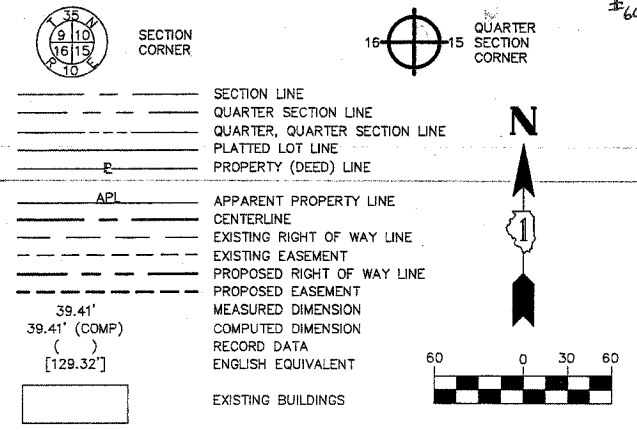
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DATE: 03/22/2007
DRAWN BY: BRH
CHECKED BY: ACL

TENG
ENGINEERS & ARCHITECTS, INC.
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.467.9000

5-26-2007 10:42:24
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LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO TIE MONUMENTATION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO TIE MONUMENTATION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
 COUNTY OF KANE }

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ELGIN, ILLINOIS, THIS 5th DAY OF January, 2007 A.D.



REJENA H. LYON
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

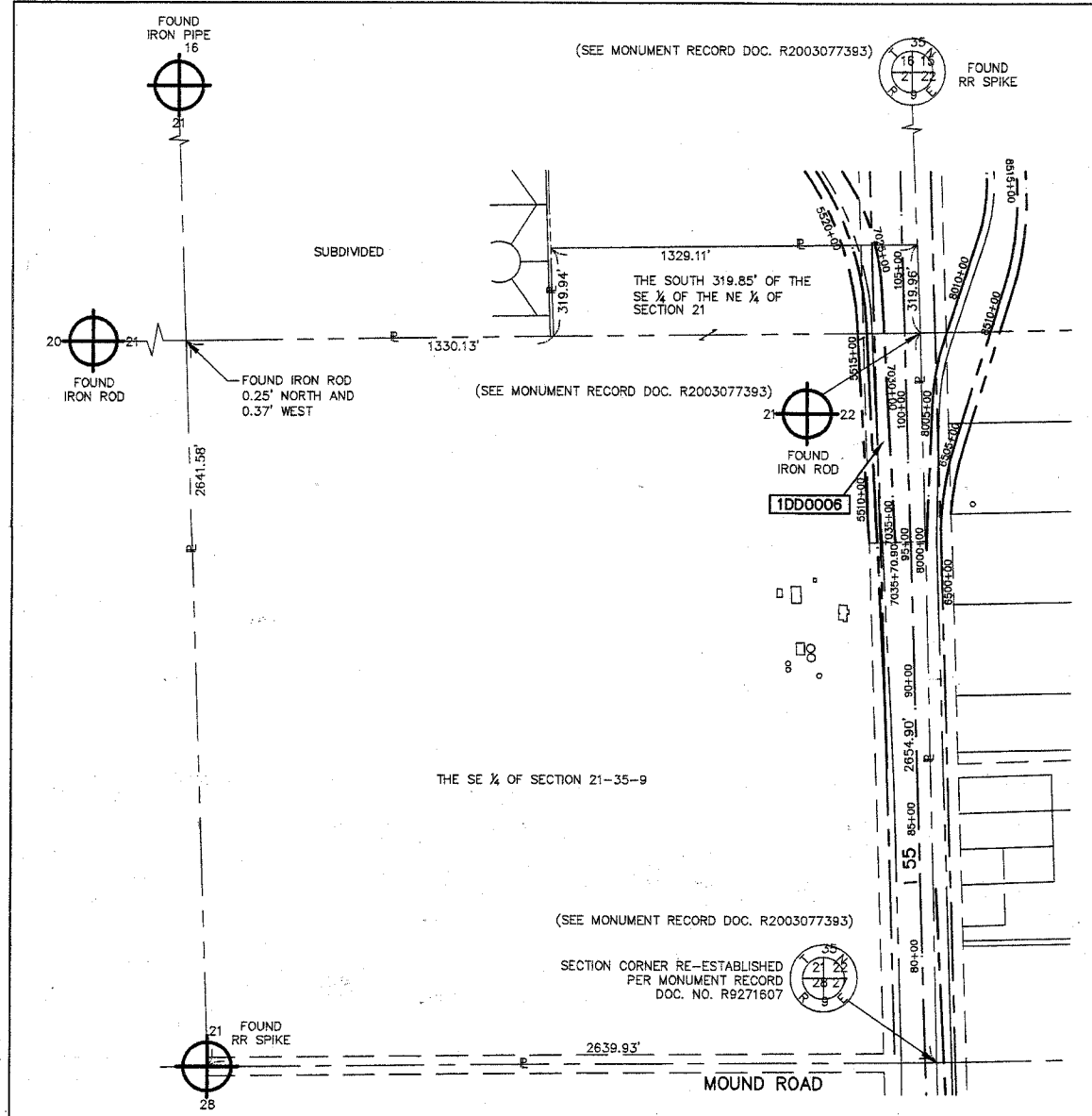
PREPARED BY:
 HAMPTON, LENZINI, AND RENWICK INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123-7010
 ACCOUNT NO. 2-12-0005(g)

LICENSE EXPIRES 11/30/2008

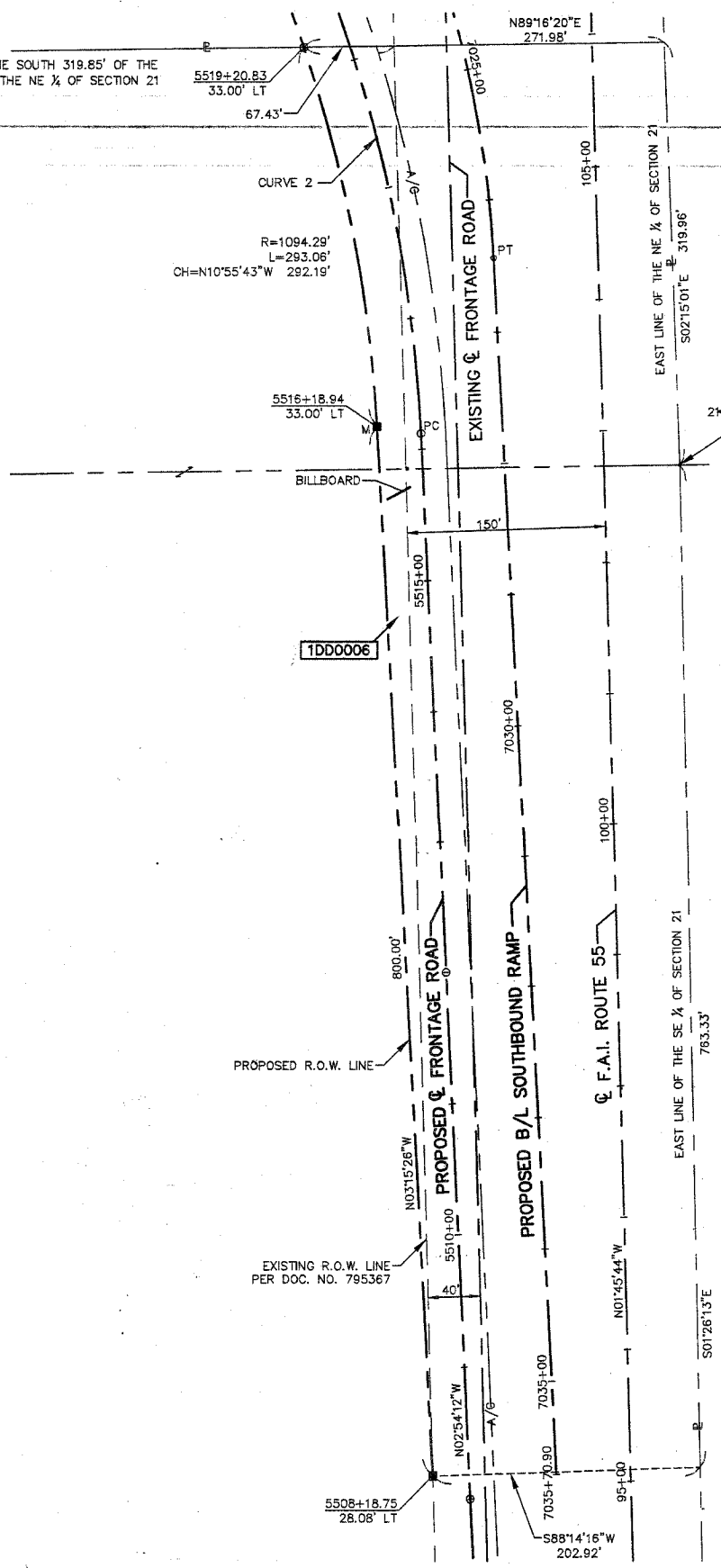
FRNTWPR-2 CURVE DATA

PI STA. = 5519+77.83
 Δ = 35° 57' 37"
 T = 365.85'
 L = 707.52'
 R = 1127.29'
 E = 57.88'
 PC STA. = 5516+11.98
 PT STA. = 5523+19.50

BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE GRID.



PARCEL 1DD0006 TOTAL HOLDING
 SCALE: 1"=300'



PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	PROPERTY ACQUIRED BY	TAX NUMBER
1DD0006	LIT INDUSTRIAL LIMITED PARTNERSHIP	170.846 AC	5.554 AC	5.115 AC	185.292 AC	NA	NA		05-06-21-200-019 05-06-21-400-001

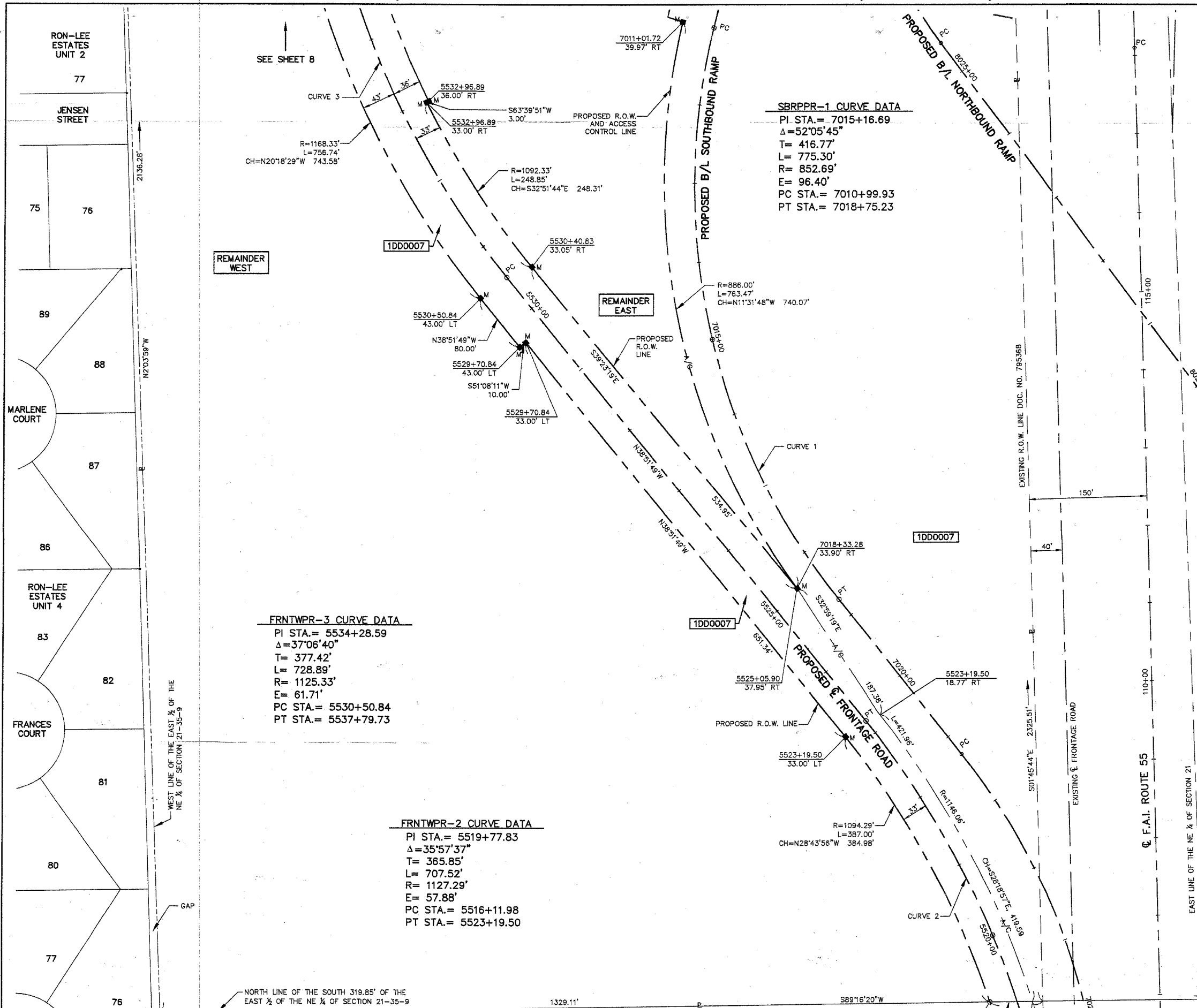
3/9/06 REVISED OWNERSHIP PARCEL 1DD0006

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.I. 55 (I 55)

WILL COUNTY SECTION 26 HB-1BR
 PROJECT JOB NO. R-91-032-01
 STATION 5508+00 TO STATION 5520+00
 SCALE: 1"=60' SHEET 6 OF 22

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

#60897



SBRPPR-1 CURVE DATA
 PI STA. = 7015+16.69
 $\Delta = 52^{\circ}05'45''$
 T = 416.77'
 L = 775.30'
 R = 852.69'
 E = 96.40'
 PC STA. = 7010+99.93
 PT STA. = 7018+75.23

FRNTWPR-3 CURVE DATA
 PI STA. = 5534+28.59
 $\Delta = 37^{\circ}06'40''$
 T = 377.42'
 L = 728.89'
 R = 1125.33'
 E = 61.71'
 PC STA. = 5530+50.84
 PT STA. = 5537+79.73

FRNTWPR-2 CURVE DATA
 PI STA. = 5519+77.83
 $\Delta = 35^{\circ}57'37''$
 T = 365.85'
 L = 707.52'
 R = 1127.29'
 E = 57.88'
 PC STA. = 5516+11.98
 PT STA. = 5523+19.50

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- ENGLISH EQUIVALENT
- EXISTING BUILDINGS
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH THE GROUND TO THE MONUMENTATION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH ROD 20 INCHES BELOW GROUND TO THE MONUMENTATION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

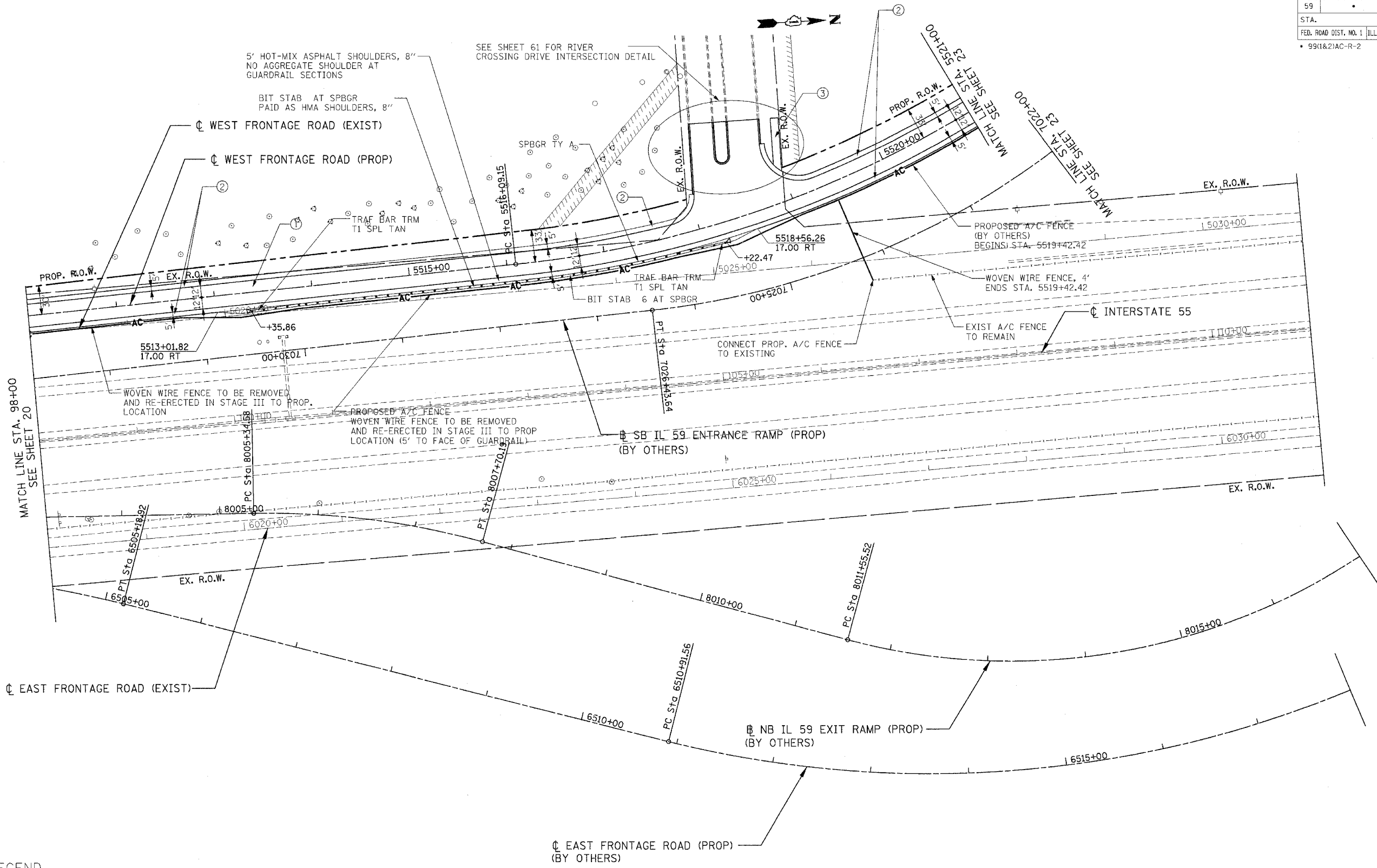
STATE OF ILLINOIS }
 COUNTY OF KANE }
 THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT ELGIN, ILLINOIS, THIS 5TH DAY OF January, 2007 A.D.

REJENA H. LYON
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
 PREPARED BY:
 HAMPTON, LENZINI, AND RENWICK INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123-7010
 ACCOUNT NO. 2-12-0005(a)
 LICENSE EXPIRES 11/30/2008

4/26/06 REVISED PARCEL 1DD0007
 BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE GRID.
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.I. 55 (155)
 WILL COUNTY SECTION 26 HB-1BR
 PROJECT JOB NO. R-91-032-01
 STATION 5520+00. TO STATION 5533+00
 SCALE: 1"=60' SHEET 7 OF 22
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196




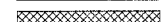




PARCEL NUMBER	OWNER	TOTAL HOLDINGS	AREA TAKEN	PREVIOUS DEDICATION	REMAINDER	AREA OF EASEMENT	PURPOSE OF EASEMENT	PROPERTY ACQUIRED BY	TAX NUMBER
1DD0007	HARRIETTE E. HALEY, 5% JAMES F. HALEY, SR. 5% ROBERT A. HALEY, JR. 5% JOHN HALEY SR. 5% KATHRYN A. MCGEE, 5% MARY HALEY, 8.36% JEAN M. PICKERING, 16.66% SUSAN E. HALEY, 16.66% MICHAEL HALEY, 16.66% JOSEPH HALEY, 16.66%	55.854 AC	20.904 AC	0.402 AC	W. 23.741 AC E. 11.209 AC	N/A	N/A		05-06-21-200-020

SCANNED



\\\VA1T0264.DGN, \\\SUR0026.DGN, \\\GPR000R.DGN, \\\R0W0026P.DGN, \\\T1B0026.DGN, \\\R0W0026.DGN, \\\R0W0029.DGN, \\\SUR0026.DGN, \\\SUR0026.DGN
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 LEEAC

LEGEND

-  REMOVAL ITEM - PAVEMENT
-  REMOVAL ITEM - PAVED SHOULDER AND RAMP GORES
-  REMOVAL ITEM - DRIVEWAYS, TURNOUTS, PARKING LOTS
-  AGGREGATE REMOVAL TO BE PAID FOR AS EARTH EXCAVATION
-  (6) TREE REMOVAL (WITH DIAMETER)
-  BUSH/ SHRUB REMOVAL (REMOVAL INCLUDED IN COST OF EARTHWORK)
-  TREE TRUNK PROTECTION
-  REMOVAL ITEM - ACCESS CONTROL FENCE (WOVEN WIRE) & CC&G REMOVAL

- ① WEST FRONTAGE ROAD HMA PAVEMENT FULL DEPTH 15-3/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 13 3/4" AGGREGATE SUBGRADE 12"
- ② 4' - HOT-MIX ASPHALT SHOULDERS, 8" 1' - AGGREGATE SHOULDERS, TYPE B 8"
- ③ FIELD ENTRANCES 2" INCIDENTAL HOT-MIX ASPHALT SURFACING (HMA SURFACE COURSE, MIX "C", N50) AGGREGATE BASE COURSE, TYPE B 8"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

**PROPOSED
 I-55 ROADWAY PLAN
 STA. 98+00 TO STA. 111+00**

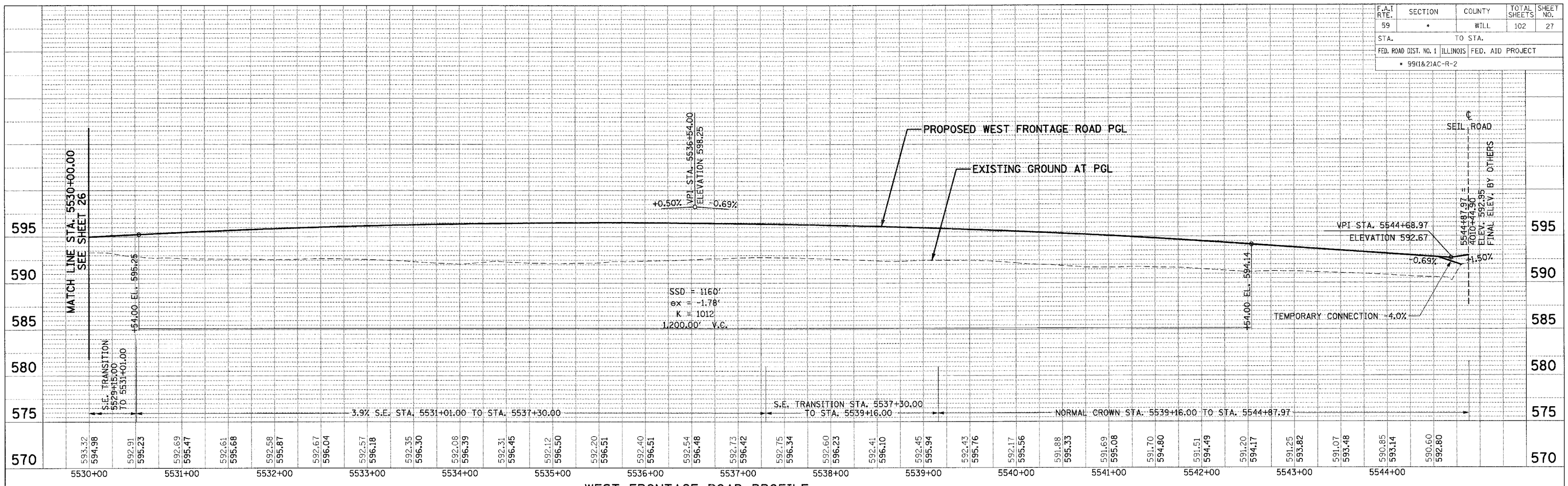
SCALE: 1" = 50'
 DATE: 03/22/2007

DRAWN BY: ACL
 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 300 N. MICHIGAN AVE. CHICAGO, IL 60610
 TEL: 312.587.8800

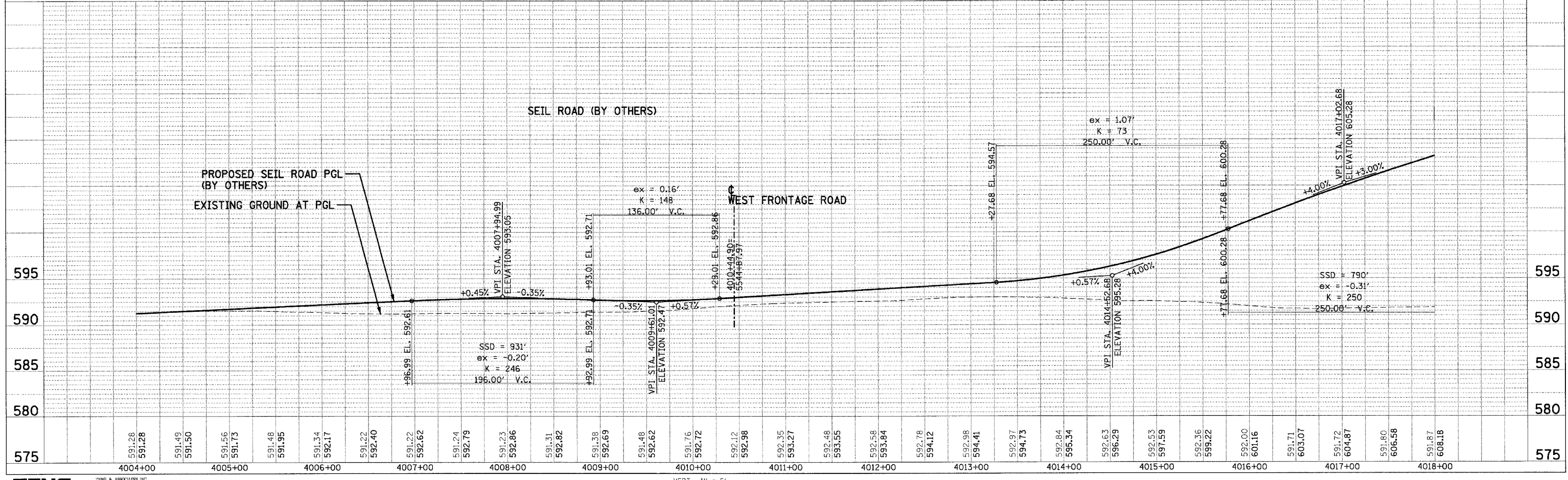
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	27
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
* 99(1&2)AC-R-2				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	CHECKED	
	BY	
	DATE	



WEST FRONTAGE ROAD PROFILE

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	CHECKED	
	BY	
	DATE	



SEIL RD PROFILE (BY OTHERS)

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	28
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 99(1&2)AC-R-2		CONTRACT NO. 60897		

**SUGGESTED STAGE OF CONSTRUCTION
AND MAINTENANCE OF TRAFFIC**

STAGE I

I-55
PRIOR TO CONSTRUCTION ON THE WEST FRONTAGE ROAD, PLACE TEMPORARY CONCRETE BARRIER ON THE SB I-55 OUTSIDE SHOULDER AS CALLED OUT IN THE MOT PLANS (STANDARD TC17), USING DAYTIME SHOULDER CLOSURE.

WEST FRONTAGE ROAD

- (1) PLACE TEMPORARY PAVEMENT ON EXPRESSWAY SIDE OF WEST FRONTAGE ROAD BETWEEN STA 5004+24.31 TO STA 5024+37.00 (STANDARD 701326).
- (2) CONSTRUCT 6' PIPE CULVERTS, SPECIAL 27", CONNECT TO EXISTING 27" S.S. AS NOTED IN THE MOT PLANS.
- (3) CONSTRUCT PROPOSED WEST FRONTAGE ROAD BETWEEN 5519+50.00 TO SEIL RD.

STAGE II

WEST FRONTAGE ROAD

- (1) STAGING - ROUTE 2 WAY TRAFFIC ONTO TEMPORARY PAVEMENT AND WEST FRONTAGE ROAD (STANDARD 701331).
- (2) DRIVE TEMPORARY SHEET PILING AS REQUIRED FOR PROPOSED 42" CULVERT CONSTRUCTION. LEAVE GAP FOR EX. 27" S.S.
- (3) CONSTRUCT PORTIONS OF THE PROPOSED 42" CULVERT UP TO 17.0' RT.
- (4) CONNECT EXISTING 27" CULVERT TO 45' SECTION OF TEMPORARY PIPE CULVERTS, SPECIAL 27". TEMPORARY 27" PIPE SHALL CONNECT TO CB 359.
- (5) CONSTRUCT PROPOSED WEST FRONTAGE ROAD FROM STA. 5500+00 TO STA. 5519+50.00.
- (6) WEST FRONTAGE ROAD AND RIVER CROSSING DRIVE INTERSECTION TO BE CONSTRUCTED IN STAGES 2A AND 2B. SEE PROPOSED MOT PLANS FOR DETAILS.

STAGE III

WEST FRONTAGE ROAD

- (1) REMOVE THE TEMPORARY PAVEMENT ON EXPRESSWAY SIDE OF THE EXISTING WEST FRONTAGE ROAD.
- (2) REMOVE THE EXISTING CULVERT 27" CULVERT, FILL TEMPORARY 27" CULVERT WITH GROUT.
- (3) REMOVE PORTIONS OF THE TEMPORARY SHEET PILING.
- (4) PLACE ADDITIONAL TEMPORARY SHEET PILING AS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE PROPOSED 42" CULVERT.
- (5) CONSTRUCT REMAINING PORTIONS OF WEST FRONTAGE ROAD SHOULDER AND GUARDRAIL.
- (6) COMPLETE GRADING, LANDSCAPING AND PAVEMENT MARKING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

**MAINTENANCE OF TRAFFIC
SUGGESTED STAGE
OF CONSTRUCTION**

SCALE: 1" = 50'
DATE: 3/22/2007

DRAWN BY: JP
CHECKED BY: ACL

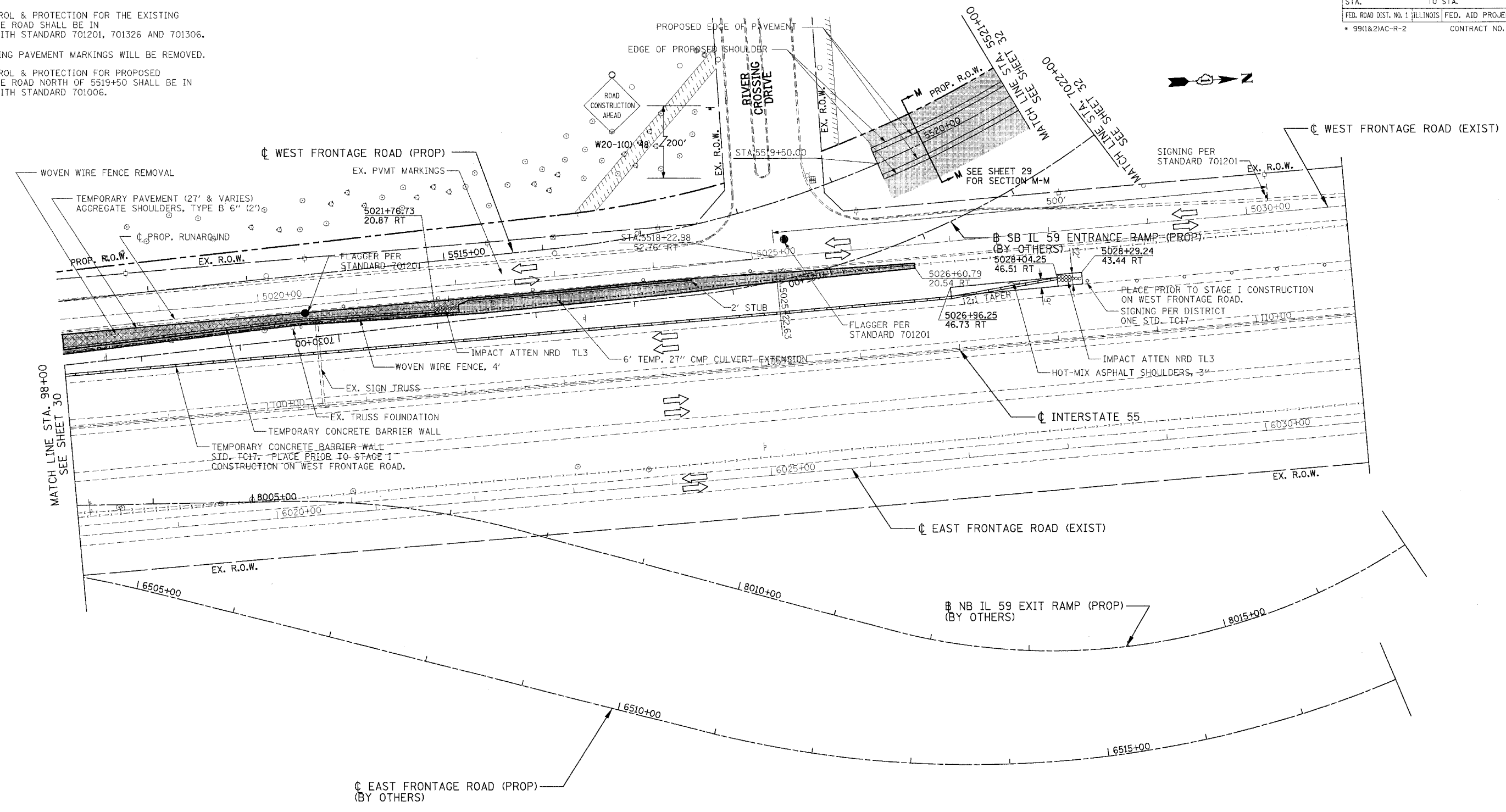
TENG
TENG & ASSOCIATES, INC.
ENGINEERS-ARCHITECTS-LANDSCAPE ARCHITECTS
360 N. MICHIGAN AVE. CHICAGO, IL 60606
TELEPHONE: (312) 462-8800

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	31
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99(1&2)AC-R-2 CONTRACT NO. 60B97				

NOTES :

1. TRAFFIC CONTROL & PROTECTION FOR THE EXISTING WEST FRONTAGE ROAD SHALL BE IN ACCORDANCE WITH STANDARD 701201, 701326 AND 701306.
2. ANY CONFLICTING PAVEMENT MARKINGS WILL BE REMOVED.
3. TRAFFIC CONTROL & PROTECTION FOR PROPOSED WEST FRONTAGE ROAD NORTH OF 5519+50 SHALL BE IN ACCORDANCE WITH STANDARD 701006.



LEGEND

- WORK ZONE
- TEMP. PAVEMENT, UNLESS OTHERWISE NOTED
- TEMP. PAVT - PREVIOUS STAGE, UNLESS OTHERWISE NOTED
- PAVEMENT REMOVAL
- MILL AND RESURFACE PAVEMENT
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TRAFFIC FLOW

- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PROP. GUARDRAIL
- EXIST. GUARDRAIL
- PROP. TEMPORARY CONC. BARRIER WALL

LEGEND

- 10 WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
- 11A WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" (DOUBLE YELLOW) @ 11" C-C
- 16 WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)

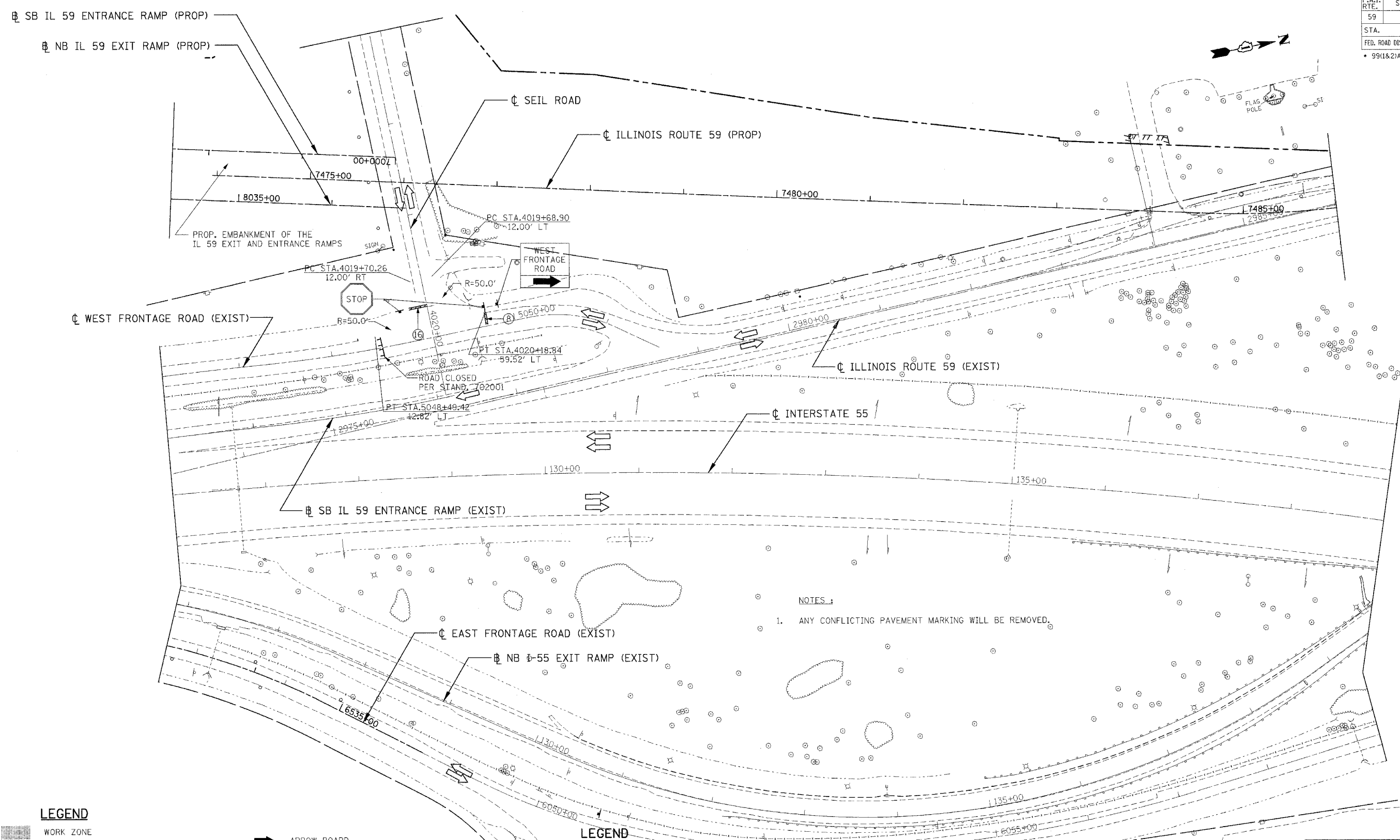
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2
MAINTENANCE OF TRAFFIC
STAGE I
STA. 98+00 TO STA. 111+00
 SCALE: 1" = 50'
 DATE: 03/22/2007
 DRAWN BY: JP
 CHECKED BY: ACL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS
 205 N. MICHIGAN, 4TH FLOOR, CHICAGO, IL 60601
 TELEPHONE: 312.646.5000

\ALT00264.DGN, \SUR00264.DGN, \TPO0267.DGN, \SBR00279.DGN, \SFA00267.DGN, \SFE000UR.DGN, \MOT00266.DGN, \MOT00265.DGN, \MOT00264.DGN, \MOT00263.DGN, \MOT00262.DGN, \MOT00261.DGN, \MOT00260.DGN, \MOT00259.DGN, \MOT00258.DGN, \MOT00257.DGN, \MOT00256.DGN, \MOT00255.DGN, \MOT00254.DGN, \MOT00253.DGN, \MOT00252.DGN, \MOT00251.DGN, \MOT00250.DGN, \MOT00249.DGN, \MOT00248.DGN, \MOT00247.DGN, \MOT00246.DGN, \MOT00245.DGN, \MOT00244.DGN, \MOT00243.DGN, \MOT00242.DGN, \MOT00241.DGN, \MOT00240.DGN, \MOT00239.DGN, \MOT00238.DGN, \MOT00237.DGN, \MOT00236.DGN, \MOT00235.DGN, \MOT00234.DGN, \MOT00233.DGN, \MOT00232.DGN, \MOT00231.DGN, \MOT00230.DGN, \MOT00229.DGN, \MOT00228.DGN, \MOT00227.DGN, \MOT00226.DGN, \MOT00225.DGN, \MOT00224.DGN, \MOT00223.DGN, \MOT00222.DGN, \MOT00221.DGN, \MOT00220.DGN, \MOT00219.DGN, \MOT00218.DGN, \MOT00217.DGN, \MOT00216.DGN, \MOT00215.DGN, \MOT00214.DGN, \MOT00213.DGN, \MOT00212.DGN, \MOT00211.DGN, \MOT00210.DGN, \MOT00209.DGN, \MOT00208.DGN, \MOT00207.DGN, \MOT00206.DGN, \MOT00205.DGN, \MOT00204.DGN, \MOT00203.DGN, \MOT00202.DGN, \MOT00201.DGN, \MOT00200.DGN, \MOT00199.DGN, \MOT00198.DGN, \MOT00197.DGN, \MOT00196.DGN, \MOT00195.DGN, \MOT00194.DGN, \MOT00193.DGN, \MOT00192.DGN, \MOT00191.DGN, \MOT00190.DGN, \MOT00189.DGN, \MOT00188.DGN, \MOT00187.DGN, \MOT00186.DGN, \MOT00185.DGN, \MOT00184.DGN, \MOT00183.DGN, \MOT00182.DGN, \MOT00181.DGN, \MOT00180.DGN, \MOT00179.DGN, \MOT00178.DGN, \MOT00177.DGN, \MOT00176.DGN, \MOT00175.DGN, \MOT00174.DGN, \MOT00173.DGN, \MOT00172.DGN, \MOT00171.DGN, \MOT00170.DGN, \MOT00169.DGN, \MOT00168.DGN, \MOT00167.DGN, \MOT00166.DGN, \MOT00165.DGN, \MOT00164.DGN, \MOT00163.DGN, \MOT00162.DGN, \MOT00161.DGN, \MOT00160.DGN, \MOT00159.DGN, \MOT00158.DGN, \MOT00157.DGN, \MOT00156.DGN, \MOT00155.DGN, \MOT00154.DGN, \MOT00153.DGN, \MOT00152.DGN, \MOT00151.DGN, \MOT00150.DGN, \MOT00149.DGN, \MOT00148.DGN, \MOT00147.DGN, \MOT00146.DGN, \MOT00145.DGN, \MOT00144.DGN, \MOT00143.DGN, \MOT00142.DGN, \MOT00141.DGN, \MOT00140.DGN, \MOT00139.DGN, \MOT00138.DGN, \MOT00137.DGN, \MOT00136.DGN, \MOT00135.DGN, \MOT00134.DGN, \MOT00133.DGN, \MOT00132.DGN, \MOT00131.DGN, \MOT00130.DGN, \MOT00129.DGN, \MOT00128.DGN, \MOT00127.DGN, \MOT00126.DGN, \MOT00125.DGN, \MOT00124.DGN, \MOT00123.DGN, \MOT00122.DGN, \MOT00121.DGN, \MOT00120.DGN, \MOT00119.DGN, \MOT00118.DGN, \MOT00117.DGN, \MOT00116.DGN, \MOT00115.DGN, \MOT00114.DGN, \MOT00113.DGN, \MOT00112.DGN, \MOT00111.DGN, \MOT00110.DGN, \MOT00109.DGN, \MOT00108.DGN, \MOT00107.DGN, \MOT00106.DGN, \MOT00105.DGN, \MOT00104.DGN, \MOT00103.DGN, \MOT00102.DGN, \MOT00101.DGN, \MOT00100.DGN, \MOT00099.DGN, \MOT00098.DGN, \MOT00097.DGN, \MOT00096.DGN, \MOT00095.DGN, \MOT00094.DGN, \MOT00093.DGN, \MOT00092.DGN, \MOT00091.DGN, \MOT00090.DGN, \MOT00089.DGN, \MOT00088.DGN, \MOT00087.DGN, \MOT00086.DGN, \MOT00085.DGN, \MOT00084.DGN, \MOT00083.DGN, \MOT00082.DGN, \MOT00081.DGN, \MOT00080.DGN, \MOT00079.DGN, \MOT00078.DGN, \MOT00077.DGN, \MOT00076.DGN, \MOT00075.DGN, \MOT00074.DGN, \MOT00073.DGN, \MOT00072.DGN, \MOT00071.DGN, \MOT00070.DGN, \MOT00069.DGN, \MOT00068.DGN, \MOT00067.DGN, \MOT00066.DGN, \MOT00065.DGN, \MOT00064.DGN, \MOT00063.DGN, \MOT00062.DGN, \MOT00061.DGN, \MOT00060.DGN, \MOT00059.DGN, \MOT00058.DGN, \MOT00057.DGN, \MOT00056.DGN, \MOT00055.DGN, \MOT00054.DGN, \MOT00053.DGN, \MOT00052.DGN, \MOT00051.DGN, \MOT00050.DGN, \MOT00049.DGN, \MOT00048.DGN, \MOT00047.DGN, \MOT00046.DGN, \MOT00045.DGN, \MOT00044.DGN, \MOT00043.DGN, \MOT00042.DGN, \MOT00041.DGN, \MOT00040.DGN, \MOT00039.DGN, \MOT00038.DGN, \MOT00037.DGN, \MOT00036.DGN, \MOT00035.DGN, \MOT00034.DGN, \MOT00033.DGN, \MOT00032.DGN, \MOT00031.DGN, \MOT00030.DGN, \MOT00029.DGN, \MOT00028.DGN, \MOT00027.DGN, \MOT00026.DGN, \MOT00025.DGN, \MOT00024.DGN, \MOT00023.DGN, \MOT00022.DGN, \MOT00021.DGN, \MOT00020.DGN, \MOT00019.DGN, \MOT00018.DGN, \MOT00017.DGN, \MOT00016.DGN, \MOT00015.DGN, \MOT00014.DGN, \MOT00013.DGN, \MOT00012.DGN, \MOT00011.DGN, \MOT00010.DGN, \MOT00009.DGN, \MOT00008.DGN, \MOT00007.DGN, \MOT00006.DGN, \MOT00005.DGN, \MOT00004.DGN, \MOT00003.DGN, \MOT00002.DGN, \MOT00001.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	38
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99(1&2)AC-R-2		CONTRACT NO. 60B97		



NOTES:
 1. ANY CONFLICTING PAVEMENT MARKING WILL BE REMOVED.

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LEGEND

- WORK ZONE
- TEMP. PAVEMENT, UNLESS OTHERWISE NOTED
- TEMP. PAVT - PREVIOUS STAGE, UNLESS OTHERWISE NOTED
- PAVEMENT REMOVAL
- MILL AND RESURFACE PAVEMENT
- PLASTIC TYPE II BARRICADES OR DRUMS W/ STEADY BURN LIGHT
- TRAFFIC FLOW

- ARROW BOARD
- VERTICAL PANELS
- BARRICADE, TYPE III
- PROP TRAFFIC SIGN
- BARRICADES, TYPE II W/ FLASHING LIGHTS
- PROP. GUARDRAIL
- EXIST. GUARDRAIL
- PROP. TEMPORARY CONC. BARRIER WALL

LEGEND

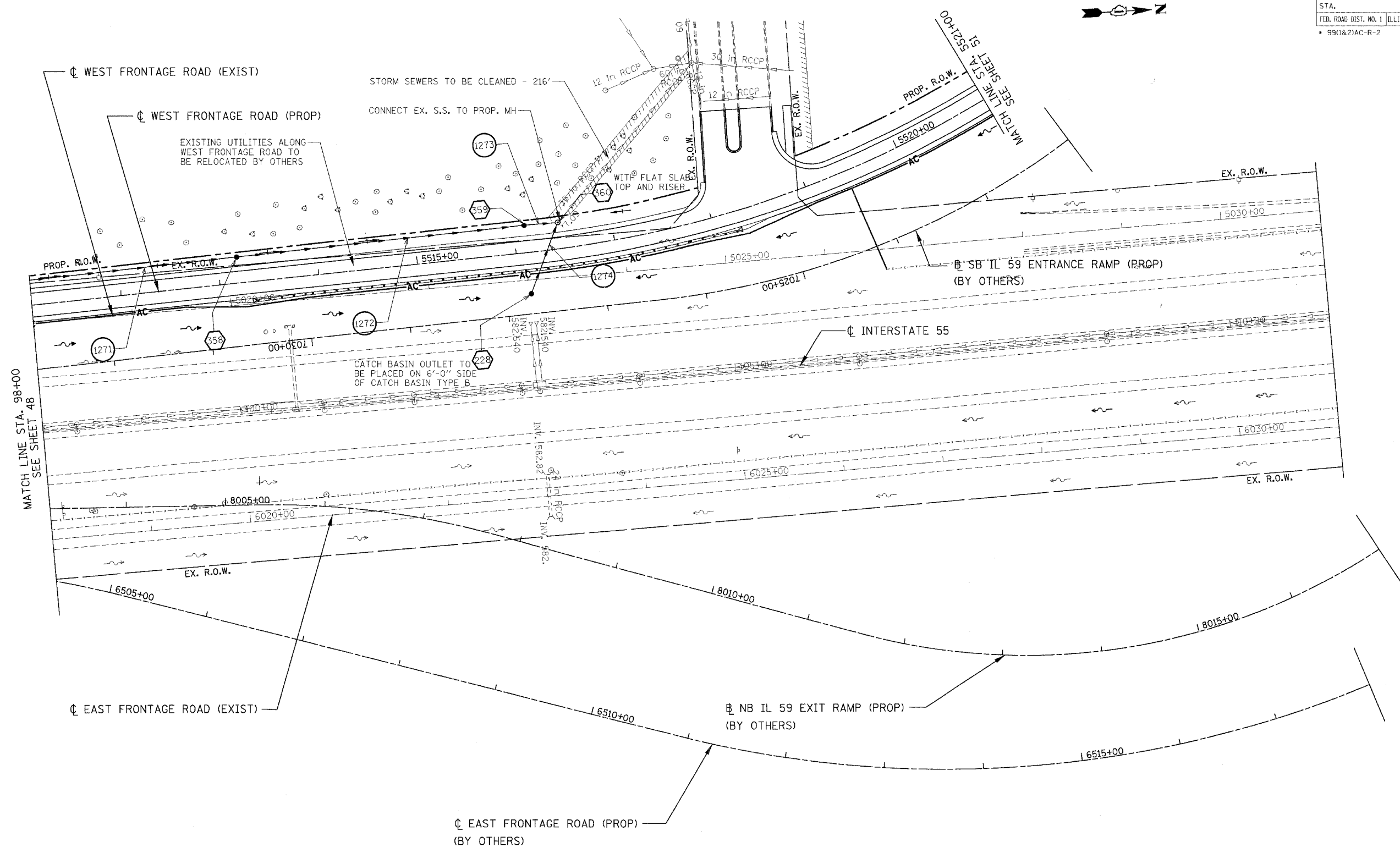
- WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" (WHITE)
- WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 4" (DOUBLE YELLOW) @ 11" C-C
- WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III - 24" (WHITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2
MAINTENANCE OF TRAFFIC
STAGE III
STA. 126+00 TO STA. 139+00
 SCALE: 1" = 50'
 DATE: 03/22/2007
 DRAWN BY: JP
 CHECKED BY: ACL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 200 N. MICHIGAN AVE. SUITE 2000, CHICAGO, IL 60601
 TELEPHONE: 312.666.2000

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	50
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
99(1&2)AC-R-2		CONTRACT NO. 60B97		



LEGEND

- | | | | | | | | | | |
|--|------------------|---|--------------------|---|-------------------|-------|--------------------------|-------|--------------------|
| | STRUCTURE NUMBER | = | EX. INLET | - | PROP. INLET | → | PROP. SWALE | [M] | MOVE STRUCTURE |
| | PIPE NUMBER | ○ | EX. CATCH BASIN | ● | PROP. CATCH BASIN | ◀ | PROP. FLARED END SECTION | [A] | ADJUST FRAME & LID |
| | PIPE REMOVAL | ⊙ | EX. MANHOLE | ⊙ | PROP. MANHOLE | [R] | REMOVE STRUCTURE | [REC] | RECONSTRUCT STR. |
| | | — | EX. STORM SEWER | — | PROP. STORM SEWER | [F] | FILL STRUCTURE | [C] | CLEAN STRUCTURE |
| | | → | EX. SANITARY SEWER | → | PROP. DITCH | [ADJ] | ADJUST STRUCTURE | | |
| | | ~ | EX. DITCH | | | | | | |

NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULE, SHEET 56

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

**PROPOSED
 I-55 DRAINAGE & UTILITIES
 STA. 98+00 TO STA. 111+00**

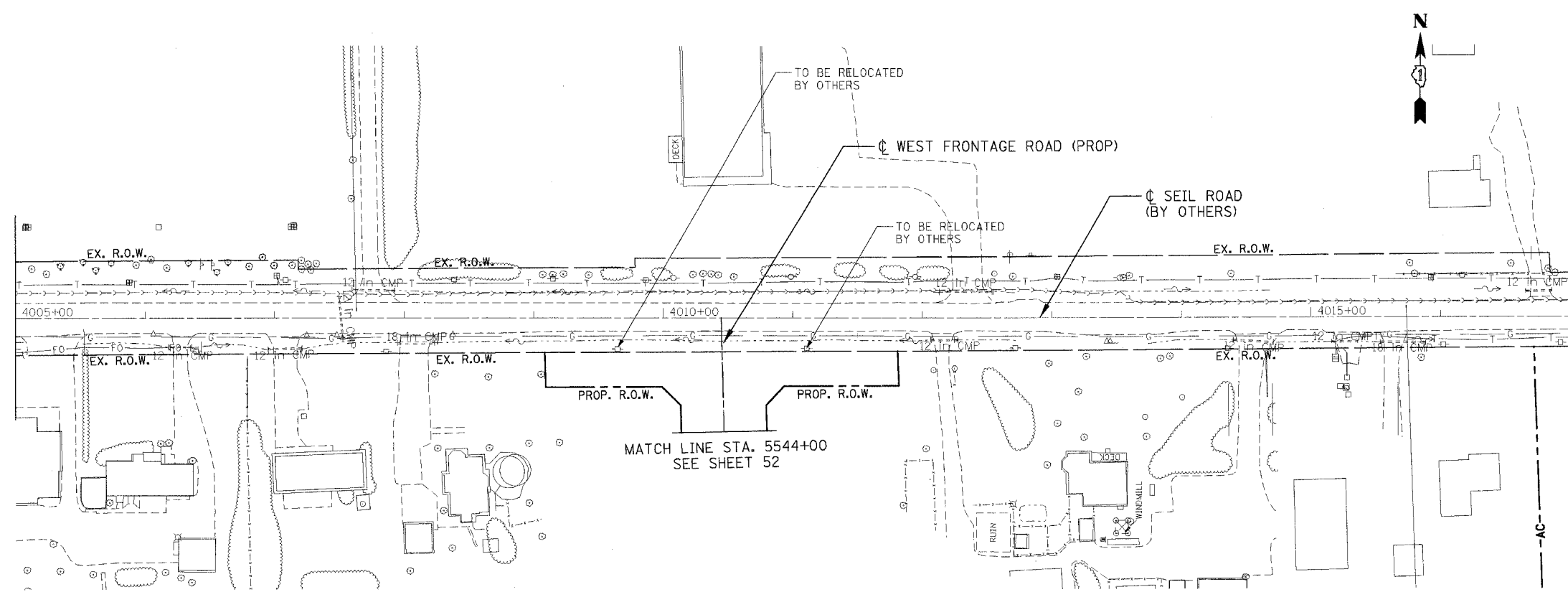
SCALE: 1" = 50'
 DATE: 03/22/2007

DRAWN BY: JFS
 CHECKED BY: ACL

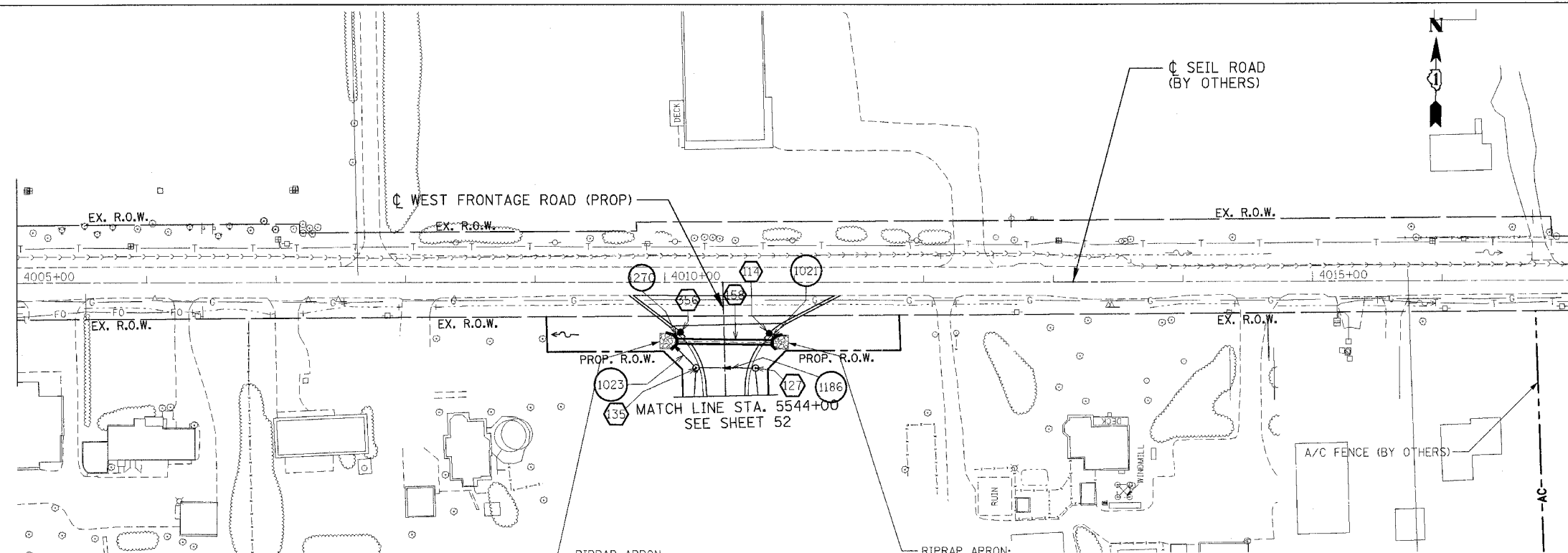
TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 205 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312.656.0000

I:\AL\T0214.DGN, I:\S\UR00261.DGN, I:\S\UR00262.DGN, I:\S\UR00263.DGN, I:\S\UR00264.DGN, I:\S\UR00265.DGN, I:\S\UR00266.DGN, I:\S\UR00267.DGN, I:\S\UR00268.DGN, I:\S\UR00269.DGN, I:\S\UR00270.DGN, I:\S\UR00271.DGN, I:\S\UR00272.DGN, I:\S\UR00273.DGN, I:\S\UR00274.DGN, I:\S\UR00275.DGN, I:\S\UR00276.DGN, I:\S\UR00277.DGN, I:\S\UR00278.DGN, I:\S\UR00279.DGN, I:\S\UR00280.DGN, I:\S\UR00281.DGN, I:\S\UR00282.DGN, I:\S\UR00283.DGN, I:\S\UR00284.DGN, I:\S\UR00285.DGN, I:\S\UR00286.DGN, I:\S\UR00287.DGN, I:\S\UR00288.DGN, I:\S\UR00289.DGN, I:\S\UR00290.DGN, I:\S\UR00291.DGN, I:\S\UR00292.DGN, I:\S\UR00293.DGN, I:\S\UR00294.DGN, I:\S\UR00295.DGN, I:\S\UR00296.DGN, I:\S\UR00297.DGN, I:\S\UR00298.DGN, I:\S\UR00299.DGN, I:\S\UR00300.DGN, I:\S\UR00301.DGN, I:\S\UR00302.DGN, I:\S\UR00303.DGN, I:\S\UR00304.DGN, I:\S\UR00305.DGN, I:\S\UR00306.DGN, I:\S\UR00307.DGN, I:\S\UR00308.DGN, I:\S\UR00309.DGN, I:\S\UR00310.DGN, I:\S\UR00311.DGN, I:\S\UR00312.DGN, I:\S\UR00313.DGN, I:\S\UR00314.DGN, I:\S\UR00315.DGN, I:\S\UR00316.DGN, I:\S\UR00317.DGN, I:\S\UR00318.DGN, I:\S\UR00319.DGN, I:\S\UR00320.DGN, I:\S\UR00321.DGN, I:\S\UR00322.DGN, I:\S\UR00323.DGN, I:\S\UR00324.DGN, I:\S\UR00325.DGN, I:\S\UR00326.DGN, I:\S\UR00327.DGN, I:\S\UR00328.DGN, I:\S\UR00329.DGN, I:\S\UR00330.DGN, I:\S\UR00331.DGN, I:\S\UR00332.DGN, I:\S\UR00333.DGN, I:\S\UR00334.DGN, I:\S\UR00335.DGN, I:\S\UR00336.DGN, I:\S\UR00337.DGN, I:\S\UR00338.DGN, I:\S\UR00339.DGN, I:\S\UR00340.DGN, I:\S\UR00341.DGN, I:\S\UR00342.DGN, I:\S\UR00343.DGN, I:\S\UR00344.DGN, I:\S\UR00345.DGN, I:\S\UR00346.DGN, I:\S\UR00347.DGN, I:\S\UR00348.DGN, I:\S\UR00349.DGN, I:\S\UR00350.DGN, I:\S\UR00351.DGN, I:\S\UR00352.DGN, I:\S\UR00353.DGN, I:\S\UR00354.DGN, I:\S\UR00355.DGN, I:\S\UR00356.DGN, I:\S\UR00357.DGN, I:\S\UR00358.DGN, I:\S\UR00359.DGN, I:\S\UR00360.DGN, I:\S\UR00361.DGN, I:\S\UR00362.DGN, I:\S\UR00363.DGN, I:\S\UR00364.DGN, I:\S\UR00365.DGN, I:\S\UR00366.DGN, I:\S\UR00367.DGN, I:\S\UR00368.DGN, I:\S\UR00369.DGN, I:\S\UR00370.DGN, I:\S\UR00371.DGN, I:\S\UR00372.DGN, I:\S\UR00373.DGN, I:\S\UR00374.DGN, I:\S\UR00375.DGN, I:\S\UR00376.DGN, I:\S\UR00377.DGN, I:\S\UR00378.DGN, I:\S\UR00379.DGN, I:\S\UR00380.DGN, I:\S\UR00381.DGN, I:\S\UR00382.DGN, I:\S\UR00383.DGN, I:\S\UR00384.DGN, I:\S\UR00385.DGN, I:\S\UR00386.DGN, I:\S\UR00387.DGN, I:\S\UR00388.DGN, I:\S\UR00389.DGN, I:\S\UR00390.DGN, I:\S\UR00391.DGN, I:\S\UR00392.DGN, I:\S\UR00393.DGN, I:\S\UR00394.DGN, I:\S\UR00395.DGN, I:\S\UR00396.DGN, I:\S\UR00397.DGN, I:\S\UR00398.DGN, I:\S\UR00399.DGN, I:\S\UR00400.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	53
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

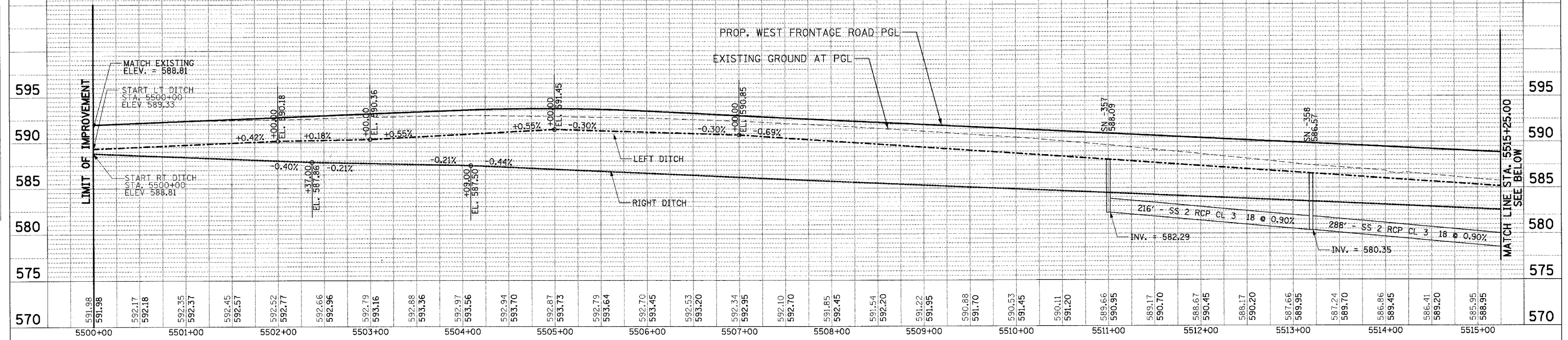


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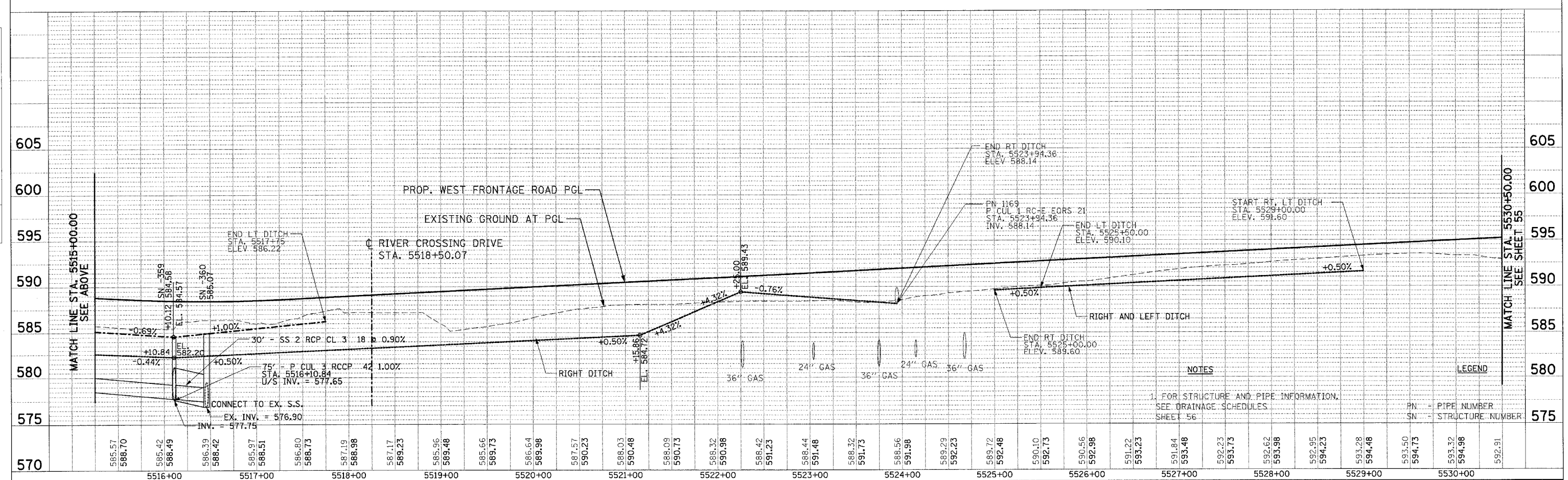


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	54
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 9911&21AC-R-2				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CHECKED		
	BY		
	DATE		



PROF. ILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	BY		
	DATE		



NOTES
 1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULES SHEET 56
 PN - PIPE NUMBER
 SN - STRUCTURE NUMBER

\PRJ\00261.DGN, \TTB00262.DGN, \PRJ\00261.DGN, \PRJ\00262.DGN, \PRJ\00263.DGN, \PRJ\00264.DGN, \PRJ\00265.DGN, \PRJ\00266.DGN, \PRJ\00267.DGN, \PRJ\00268.DGN, \PRJ\00269.DGN, \PRJ\00270.DGN, \PRJ\00271.DGN, \PRJ\00272.DGN, \PRJ\00273.DGN, \PRJ\00274.DGN, \PRJ\00275.DGN, \PRJ\00276.DGN, \PRJ\00277.DGN, \PRJ\00278.DGN, \PRJ\00279.DGN, \PRJ\00280.DGN, \PRJ\00281.DGN, \PRJ\00282.DGN, \PRJ\00283.DGN, \PRJ\00284.DGN, \PRJ\00285.DGN, \PRJ\00286.DGN, \PRJ\00287.DGN, \PRJ\00288.DGN, \PRJ\00289.DGN, \PRJ\00290.DGN, \PRJ\00291.DGN, \PRJ\00292.DGN, \PRJ\00293.DGN, \PRJ\00294.DGN, \PRJ\00295.DGN, \PRJ\00296.DGN, \PRJ\00297.DGN, \PRJ\00298.DGN, \PRJ\00299.DGN, \PRJ\00300.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	56
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		

PROPOSED STRUCTURES

STRUCT. NO.	DESCRIPTION	BASELINE				INV. N	INV. S	INV. E	INV. W	PROP. RIM ELEV.	SHEET NO.	INLET PROTECTION
		STATION	OFFSET (FT)	DIR.								
11	PRC FLAR END SEC 18	5534+00.00	24.69	LT	--	--	592.07	--	--	51	Y	
12	PRC FLAR END SEC 18	5534+00.00	21.59	RT	--	--	--	592.16	--	51	Y	
114	INLETS TA T24F&G	5544+47.71	34.69	RT	--	--	--	589.62	592.55	53	Y	
127	MAN TA 4 DIA T1F CL	5544+20.86	23.58	RT	--	589.58	--	589.58	592.89	53	N	
135	MAN TA 5 DIA T1F CL	5544+21.54	22.14	LT	--	589.41	589.41	589.41	592.89	53	N	
158	PCBC 3X2	5544+41.69	-	-	--	--	--	589.58	589.30	53	Y	
197	PRCF END S EL EQRS 18	5532+12.91	18.48	RT	--	--	--	592.54	--	51	Y	
198	PRCF END S EL EQRS 18	5532+05.56	22.55	LT	--	--	592.43	--	--	51	Y	
199	PRCF END S EL EQRS 21	5523+94.36	22.01	RT	--	588.14	--	--	--	51	Y	
200	PRCF END S EL EQRS 21	5523+94.36	20.78	LT	588.09	--	--	--	--	51	Y	
228*	CATCH BASINS TB SPL-TYPE 7 GRATE	5516+10.84	42.00	RT	--	--	--	577.65	582.20	50	Y	
236	PRCF END S EL EQRS 18	5543+76.81	26.40	RT	589.96	--	--	--	--	52	Y	
237	PRCF END S EL EQRS 18	5543+76.81	26.49	LT	589.58	--	--	--	--	52	Y	
356	CB TA 4 DIA T24F&G	5544+50.17	33.73	LT	--	--	--	589.34	592.13	53	Y	
357	CB TA 4 DIA T8C	5511+00.00	25.40	LT	582.29	--	--	--	588.09	50	Y	
358	CB TA 4 DIA T8C	5513+19.61	26.50	LT	580.35	580.35	--	--	586.57	50	Y	
359	CB TA 4 DIA T8C	5516+10.84	28.00	LT	577.75	577.75	579.00	--	584.58	50	Y	
360	MAN TA 7 DIA T1F CL	5516+45.79	27.00	LT	--	577.48	576.90	576.69	585.07	50	N	

*NOTE: STRUCTURE 228, CATCH BASIN TB SPL, OUTLET TO BE PLACED ON 6'-0" SIDE OF CATCH BASIN.

PROPOSED PIPES/CULVERTS

PIPE/CULVERT NO.	DESCRIPTION	DIA. (IN.)	LENGTH (FT)	SLOPE %	TRENCH BACKFILL (CY)	SHEET NO.	UP-STREAM STR.	UP-STREAM INV.	DOWN-STREAM STR.	DOWN-STREAM INV.
1010	P CUL 1 RCCP 18	18	46	0.20	23.5	51	12	592.16	11	592.07
1021	STORM SEW CL A 1 12	12	4	1.00	1.0	53	114	589.62	CIP	589.58
1023	P CUL 1 RC-E EQRS 18	18	22	0.50	4.0	53	135	589.41	CIP	589.30
1168	P CUL 1 RC-E EQRS 18	18	42	0.26	21.0	51	197	592.54	198	592.43
1169	P CUL 1 RC-E EQRS 21	21	42	0.12	10.5	51	199	588.14	200	588.09
1184	P CUL 1 RC-E EQRS 18	18	45	0.38	4.0	52	237	589.58	135	589.41
1185	P CUL 1 RC-E EQRS 18	18	42	0.69	4.0	52	236	589.96	127	589.58
1186	P CUL 1 RC-E EQRS 18	18	42	0.41	8.0	53	127	589.58	135	589.41
1270	STORM SEW CL A 1 12	12	4	1.00	1.0	53	356	589.34	CIP	589.30
1271	SS 2 RCP CL 3 18	18	216	0.90	0.0	50	357	582.29	358	580.35
1272	SS 2 RCP CL 3 18	18	288	0.90	0.0	50	358	580.35	359	577.75
1273	SS 2 RCP CL 3 18	18	30	0.90	0.0	50	359	577.75	360	577.48
1274	P CUL 3 RCCP 42	42	75	1.00	122.0	50	228	577.65	360	576.9

CULVERTS AT STA. 5523+94.36 (1169), 5532+05.56 (1168) AND 5534+00.00 (1010) ARE SHOWN ON CROSS SECTION SHEET 79 ONLY

NOTES:

- ALL INLETS TA MAY VARY FROM 16" TO 30" DEPTH, UNLESS SPECIFICALLY NOTED AS 16" DEEP BY (16D) CONTRACTOR SHALL VERIFY THE APPROPRIATE DEPTH REQUIRED.
- FOR OFFSETS AND RIM ELEVATION POINTS, SEE SHEET 59.
- REFER TO THE EROSION CONTROL PLANS FOR REQUIRED INLET PROTECTION.
- FOR CIP RC END SEC, SEE STRUCTURAL SHEETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

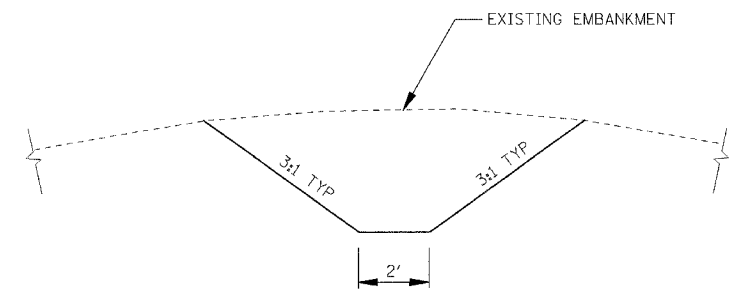
**DRAINAGE SCHEDULE
 PROPOSED STRUCTURES
 PROPOSED PIPES**

SCALE: DRAWN BY: RB
 DATE: 3/22/2007 CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 305 N. MICHIGAN AVE. CHICAGO, IL 60610
 TEL: 312.281.0000

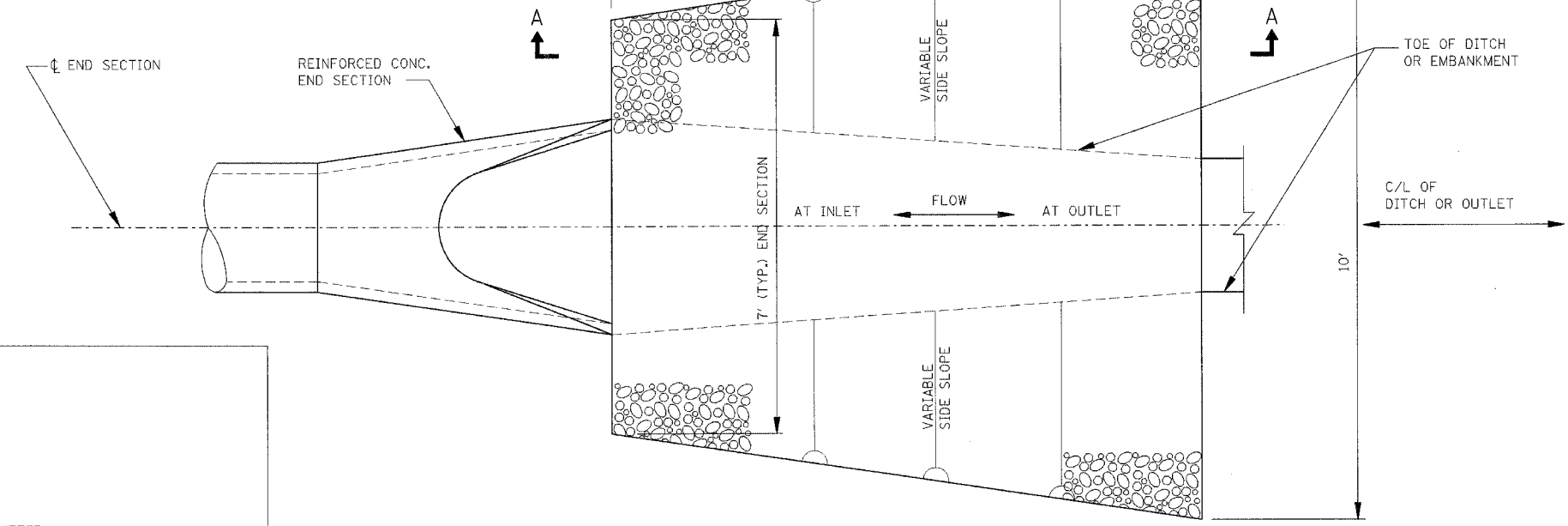
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	57
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 99(1&2)AC-R-2		CONTRACT NO. 60897		

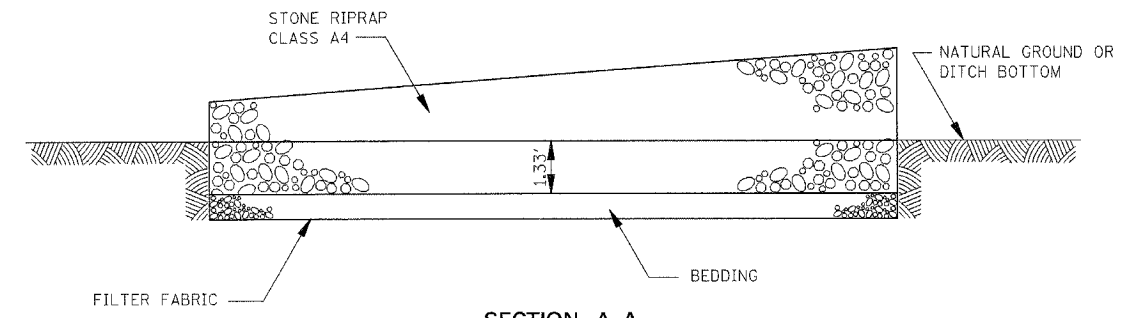


TYPICAL SECTION FOR CHANNEL EXCAVATION
N.T.S.

NOTE:
1. PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YD FOR "CHANNEL EXCAVATION"



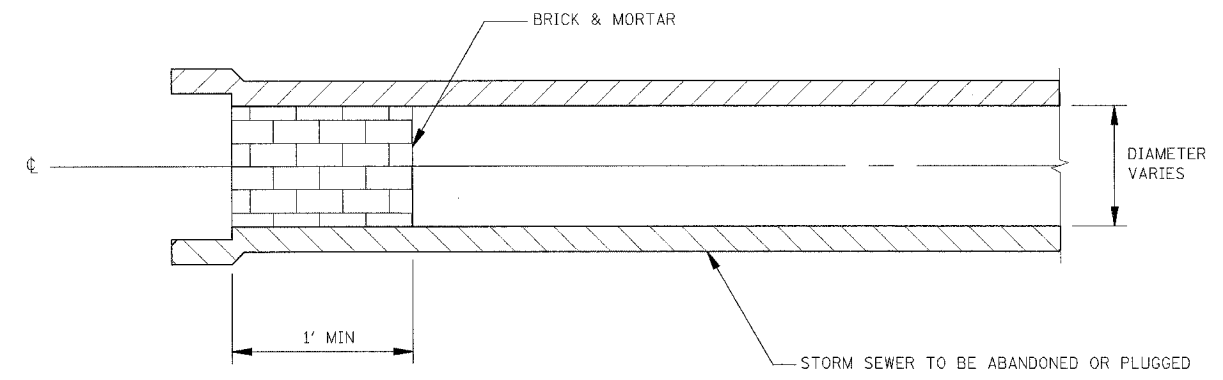
PLAN



SECTION A-A

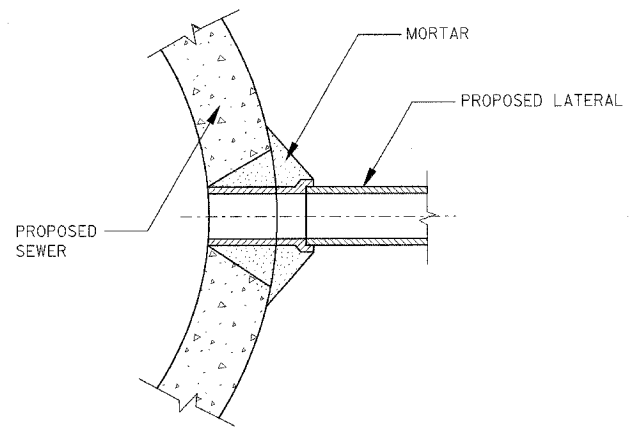
RIPRAP APRON
N.T.S.

- NOTE:**
1. TO BE USED AT ALL AREAS SHOWN ON PLANS CALLED OUT AS "RIPRAP APRON".
 2. PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "STONE RIPRAP, CLASS A4". FILTER FABRIC IS PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SY) FOR "FILTER FABRIC FOR USE WITH RIPRAP".
 3. APRON WIDTH SHALL BE ADJUSTED TO MATCH CULVERT END SECTION WIDTH SEE SHEET 58 FOR OUTLET PROTECTION AT BOX CULVERTS.



STORM SEWER PLUG

NOTE:
1. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.



PIPE CONNECTION
PROPOSED LATERAL CONNECTION TO PROPOSED SEWER OF 30 IN. OR LARGER

BASIS OF PAYMENT

PIPE CONNECTIONS OF ALL SIZES TO THE MAIN LINE SEWER SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH AND FURNISHING ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

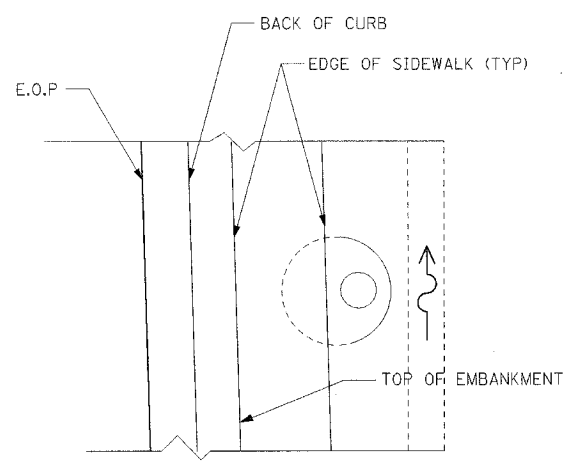
DRAINAGE DETAILS I

SCALE: N.T.S. DRAWN BY: JFS
DATE: 03/22/2007 CHECKED BY: ACL

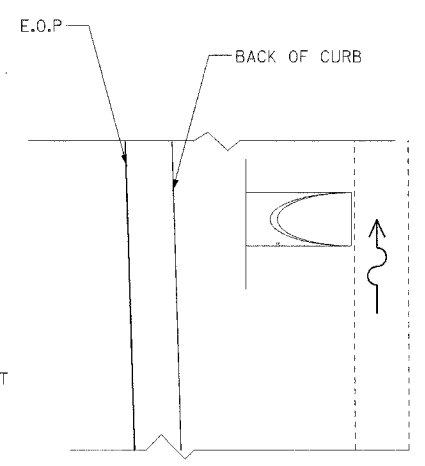
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.642.4000

T:\DOCUMENT\9927\90\CIVIL\DN.UR\0002\K.DDN
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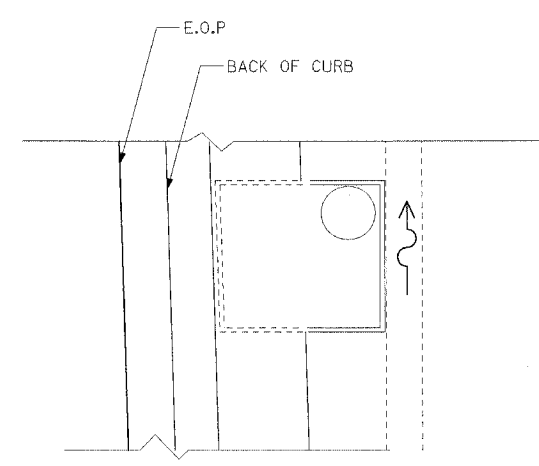
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	59
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		



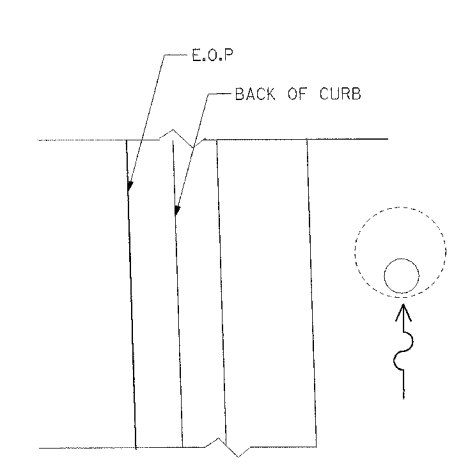
PLAN VIEW
MANHOLE WITH FLAT SLAB TOP IN PARKWAY



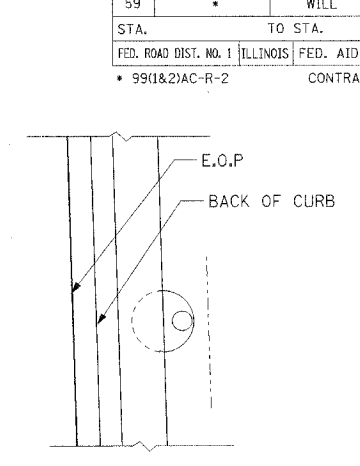
PLAN VIEW
FLARED END SECTION



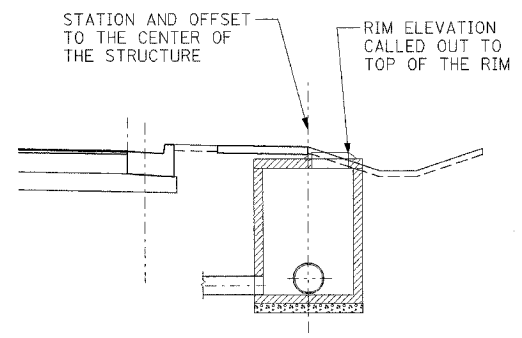
PLAN VIEW
JUNCTION CHAMBER



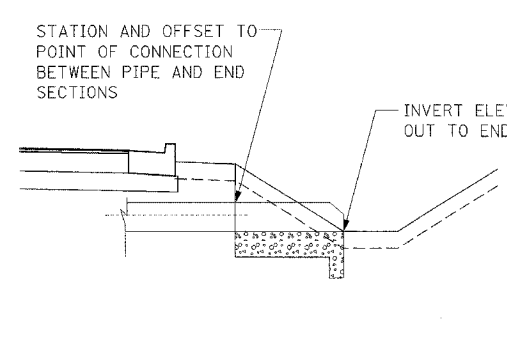
PLAN VIEW
CATCH BASIN IN DITCH



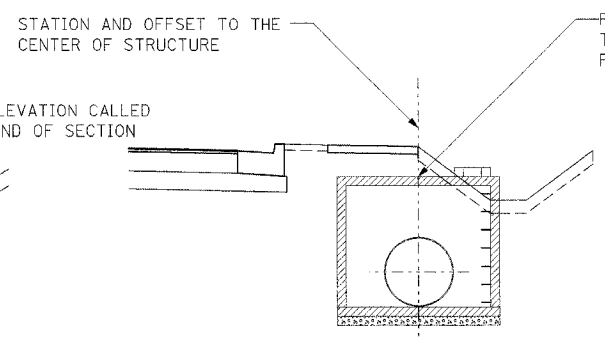
PLAN VIEW
MANHOLE WITH CONE SECTION IN PARKWAY



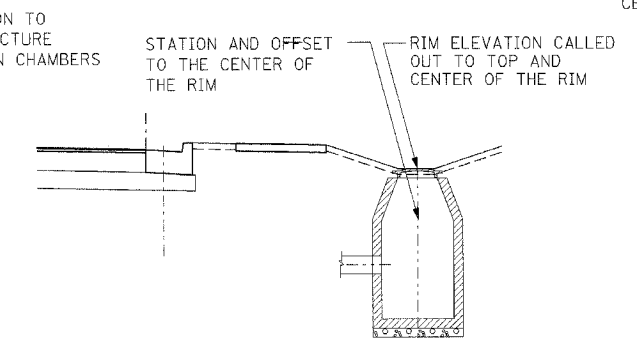
SECTION
MANHOLE WITH FLAT SLAB TOP IN PARKWAY



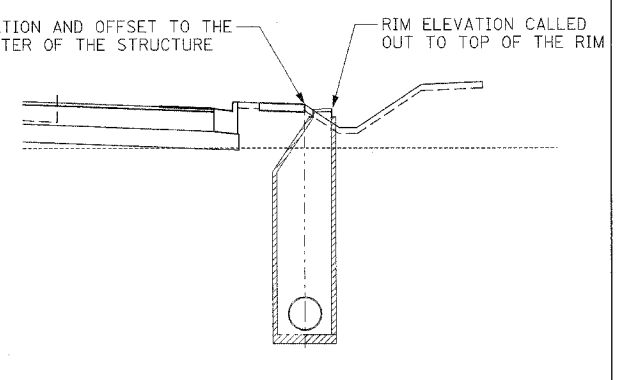
ELEVATION
FLARED END SECTION



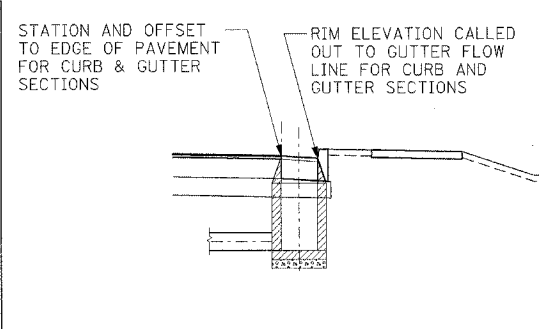
ELEVATION
JUNCTION CHAMBER



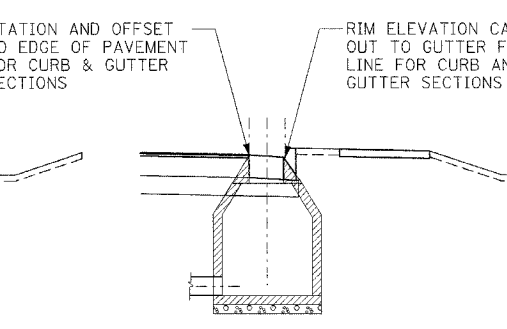
ELEVATION
CATCH BASIN IN DITCH



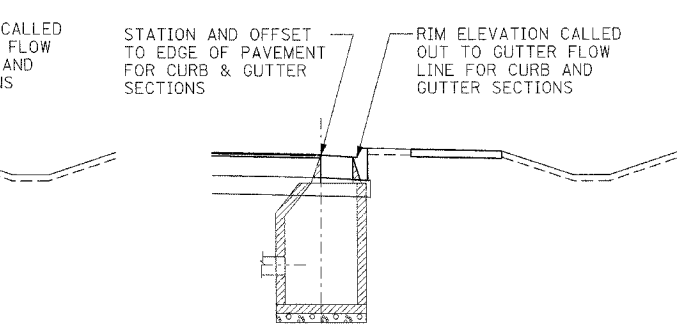
SECTION
MANHOLE WITH CONE SECTION IN PARKWAY



ELEVATION
INLET WITH CURB AND GUTTER



ELEVATION
MANHOLE WITH CURB AND GUTTER



ELEVATION
CATCH BASIN WITH CURB AND GUTTER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

DRAINAGE DETAILS III
DRAINAGE STRUCTURE PLACEMENT

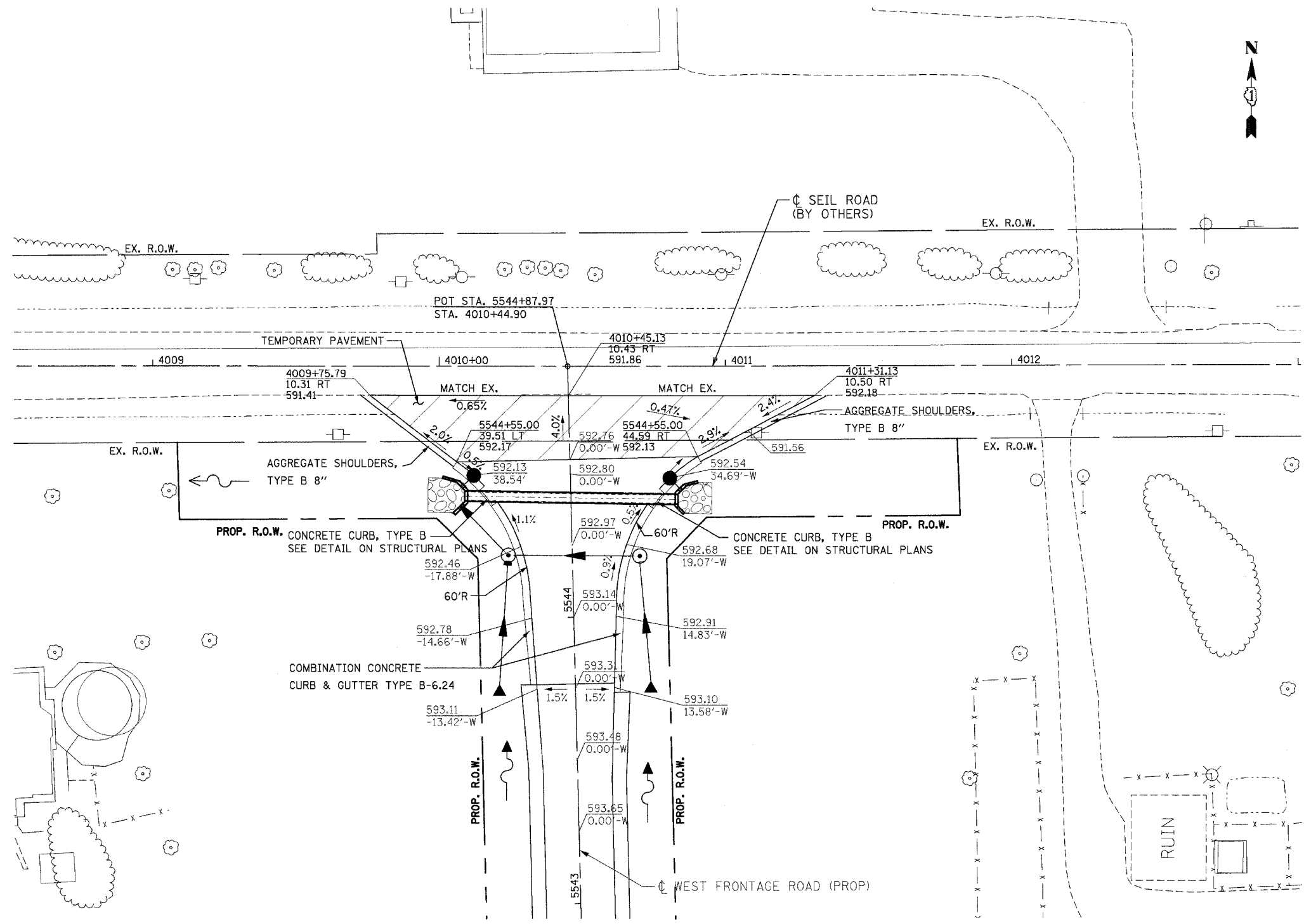
SCALE: N.T.S.
DATE: 03/22/2007

DRAWN BY: RB
CHECKED BY: ACL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.587.9000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	60
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		



SEIL ROAD AND WEST FRONTAGE ROAD INTERSECTION DESIGN

XXX.XX - PROPOSED ELEVATION
 XX.XX' - OFFSET FROM ϕ OF SEIL ROAD
 XXX.XX - PROPOSED ELEVATION
 XX.XX'-W - OFFSET FROM ϕ OF WEST FRONTAGE ROAD (PROP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

SEIL ROAD AND WEST FRONTAGE ROAD INTERSECTION DETAIL

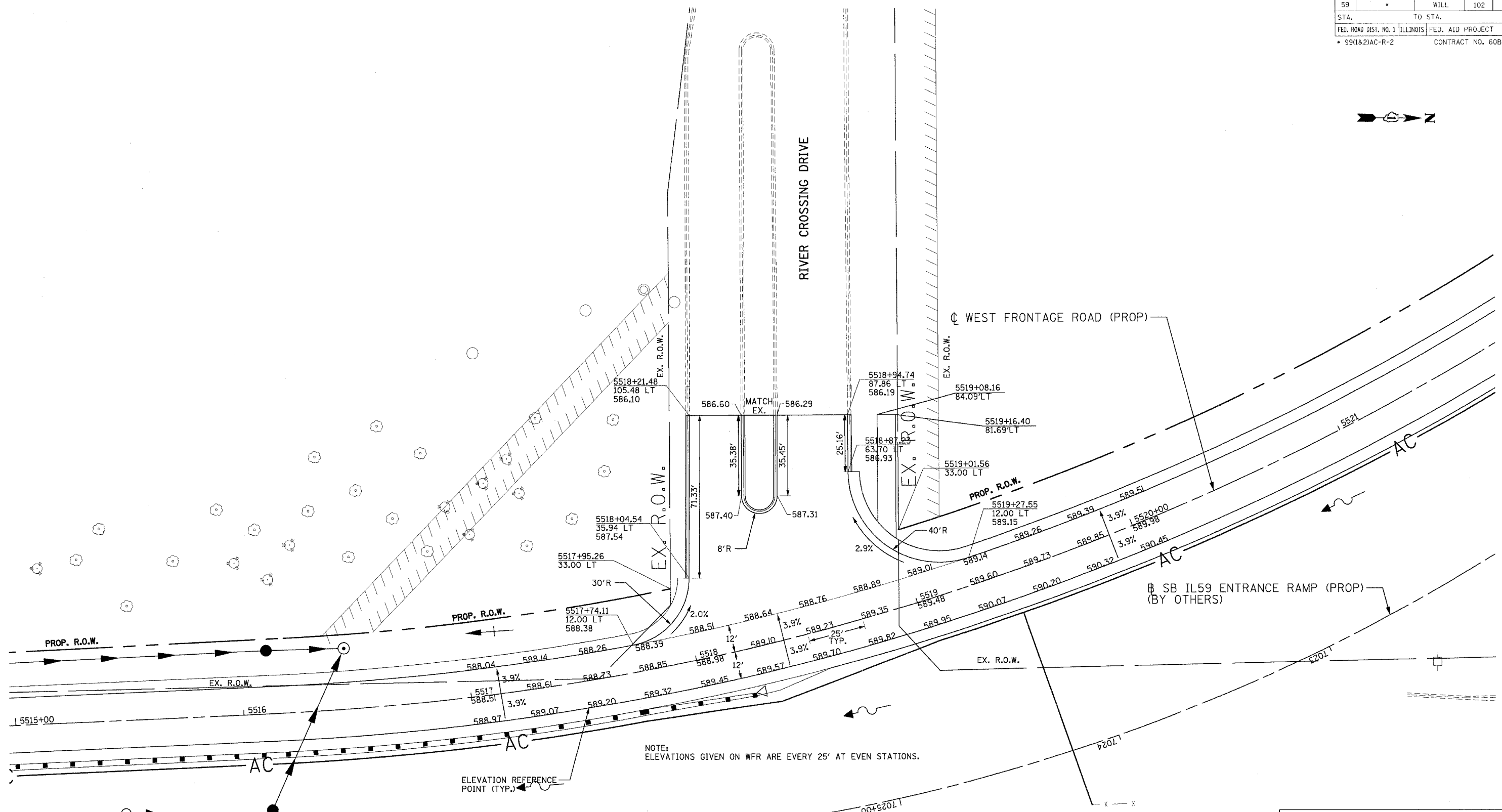
SCALE: 1"=20'
 DATE: 03/22/2007

DRAWN BY: JB
 CHECKED BY: ACL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 200 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE 312.467.0000

\\ALF001\5.DGN, \\SUN002\6.DGN, \\SUN003\6.DGN, \\SUN004\6.DGN, \\SUN005\6.DGN, \\SUN006\6.DGN, \\SUN007\6.DGN, \\SUN008\6.DGN, \\SUN009\6.DGN, \\SUN010\6.DGN, \\SUN011\6.DGN, \\SUN012\6.DGN, \\SUN013\6.DGN, \\SUN014\6.DGN, \\SUN015\6.DGN, \\SUN016\6.DGN, \\SUN017\6.DGN, \\SUN018\6.DGN, \\SUN019\6.DGN, \\SUN020\6.DGN, \\SUN021\6.DGN, \\SUN022\6.DGN, \\SUN023\6.DGN, \\SUN024\6.DGN, \\SUN025\6.DGN, \\SUN026\6.DGN, \\SUN027\6.DGN, \\SUN028\6.DGN, \\SUN029\6.DGN, \\SUN030\6.DGN, \\SUN031\6.DGN, \\SUN032\6.DGN, \\SUN033\6.DGN, \\SUN034\6.DGN, \\SUN035\6.DGN, \\SUN036\6.DGN, \\SUN037\6.DGN, \\SUN038\6.DGN, \\SUN039\6.DGN, \\SUN040\6.DGN, \\SUN041\6.DGN, \\SUN042\6.DGN, \\SUN043\6.DGN, \\SUN044\6.DGN, \\SUN045\6.DGN, \\SUN046\6.DGN, \\SUN047\6.DGN, \\SUN048\6.DGN, \\SUN049\6.DGN, \\SUN050\6.DGN, \\SUN051\6.DGN, \\SUN052\6.DGN, \\SUN053\6.DGN, \\SUN054\6.DGN, \\SUN055\6.DGN, \\SUN056\6.DGN, \\SUN057\6.DGN, \\SUN058\6.DGN, \\SUN059\6.DGN, \\SUN060\6.DGN
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL.	102	61
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 99(1&2)AC-R-2		CONTRACT NO. 60B97		



NOTE:
ELEVATIONS GIVEN ON WFR ARE EVERY 25' AT EVEN STATIONS.

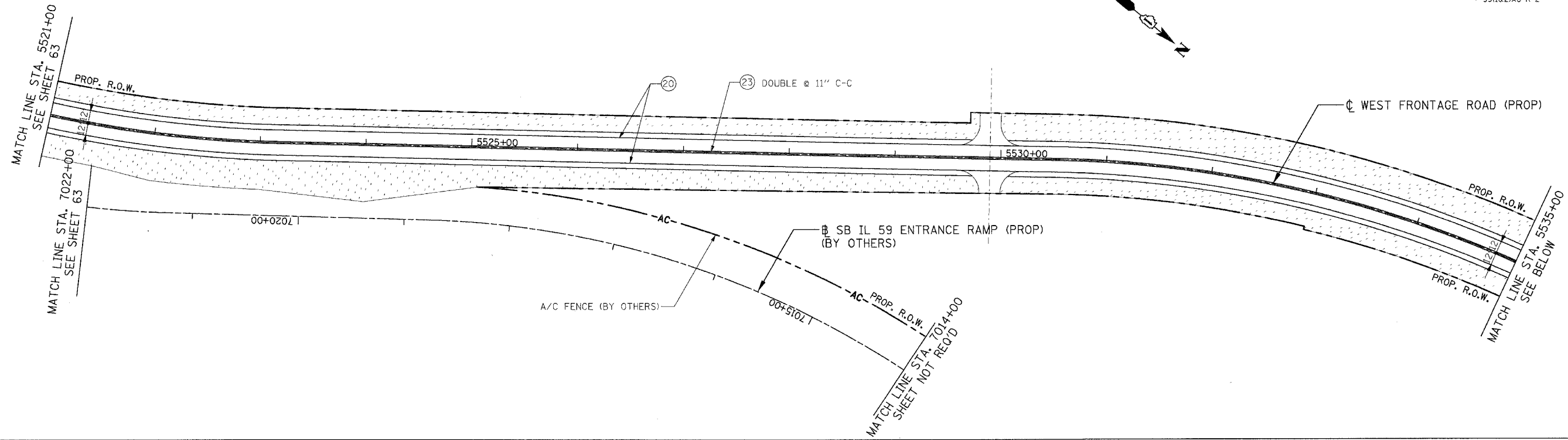
ELEVATION REFERENCE POINT (TYP.)

REVISIONS	
NAME	DATE

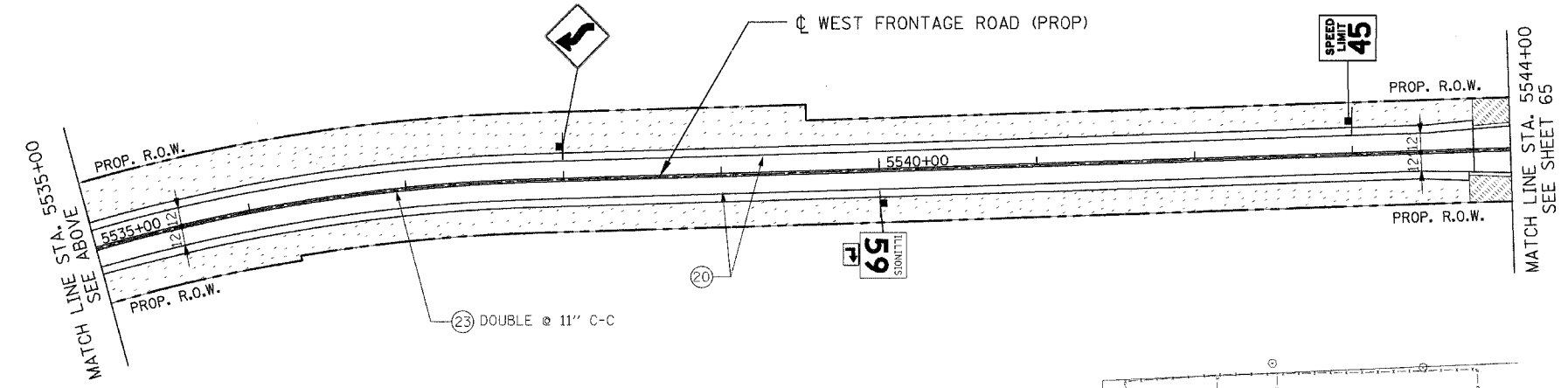
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2
**RIVER CROSSING DRIVE AND
 WEST FRONTAGE ROAD
 INTERSECTION DETAIL**
 SCALE: 1"=20'
 DATE: 03/22/2007
 DRAWN BY: JB
 CHECKED BY: ACL
TENG
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 200 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312.655.1000

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59		WILL	102	64
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
• 99(1&2)AC-R-2		CONTRACT NO. 60B97		



SHOREWOOD



PAVEMENT MARKING LEGEND

- ②① THERMOPLASTIC PAVEMENT MARKING- LINE 4" (WHITE)
- ②③ THERMOPLASTIC PAVEMENT MARKING- LINE 4" (YELLOW)
- ②⑧ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (WHITE)

SIGNING LEGEND

- EXISTING GROUND/ BRIDGE MOUNTED SIGN
- PROPOSED GROUND/ BRIDGE MOUNTED SIGN

LANDSCAPING LEGEND

- SEEDING CLASS 2A (SALT TOLERANT ROADSIDE MIXTURE) TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH)
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (60 LBS/ACRE EACH)

- TREE TRUNK PROTECTION (TTP)
- RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER) TO BE PLACED PER DISTRICT 1 STANDARD TC-11.

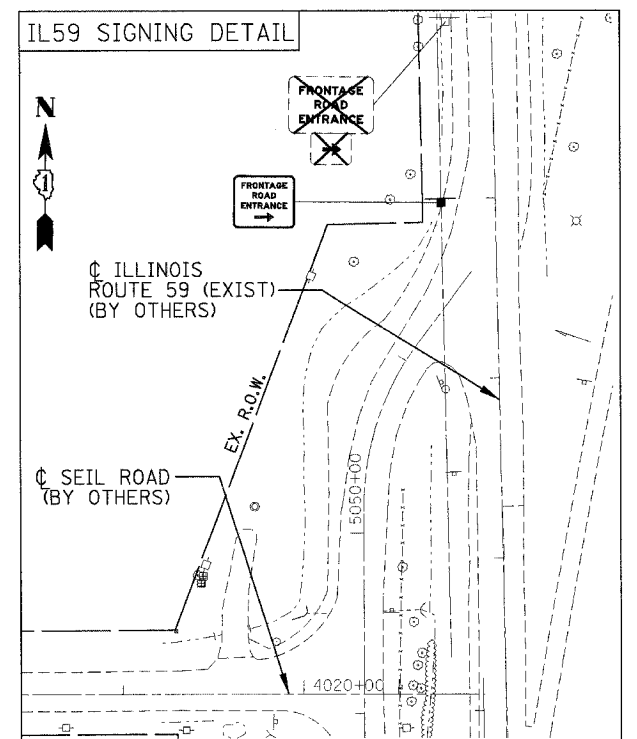
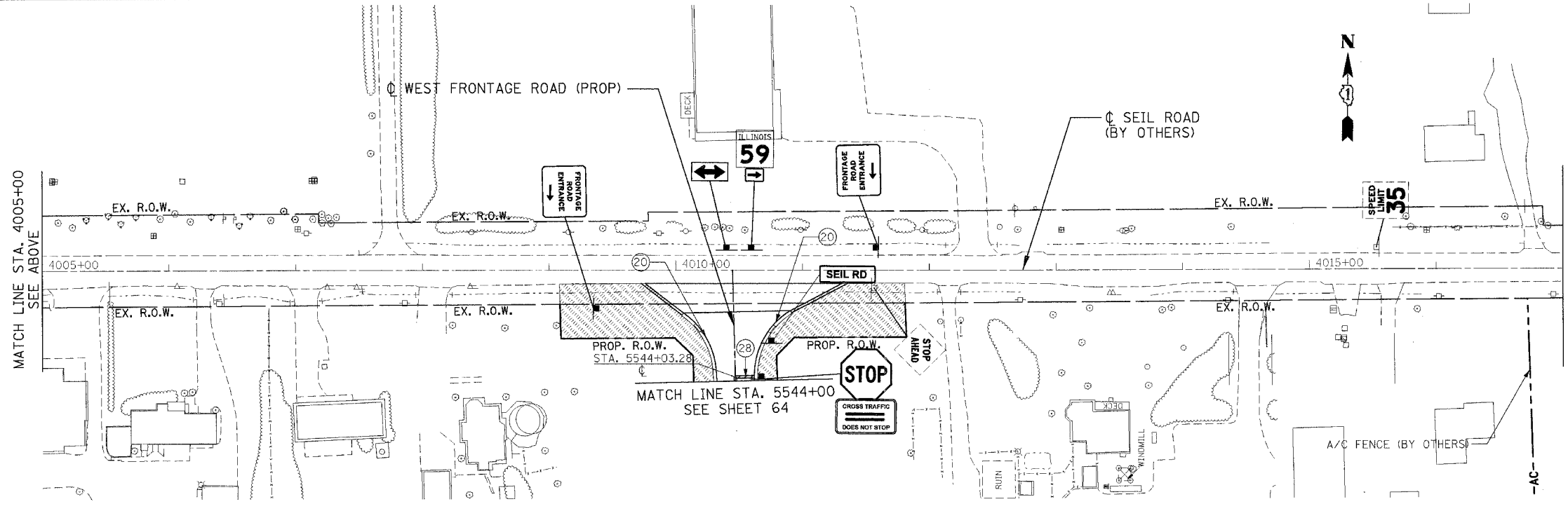
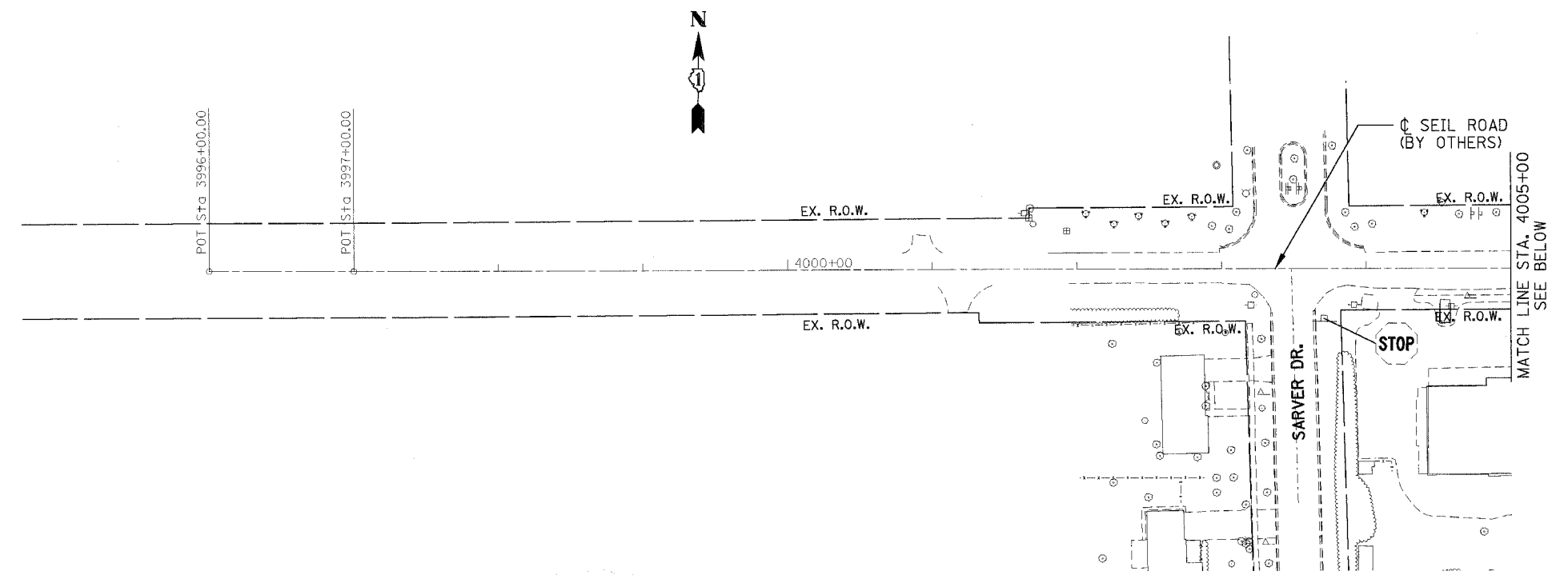
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2
**PAVEMENT MARKING, SIGNING
 AND LANDSCAPING PLANS**
 STA. 5521+00 TO STA. 5544+00
 SCALE: 1" = 50'
 DATE: 03/22/2007
 DRAWN BY: BRH
 CHECKED BY: ACL
TENG
ENGINEERS ARCHITECTS PLANNERS
 265 N. MICHIGAN AVE. SUITE 200, CHICAGO, IL 60601
 TELEPHONE: 312.587.2000

\\AL100264.DGN, \\SR000267.DGN, \\SR000268.DGN, \\SR000269.DGN, \\SR000270.DGN, \\SR000271.DGN, \\SR000272.DGN, \\SR000273.DGN, \\SR000274.DGN, \\SR000275.DGN, \\SR000276.DGN, \\SR000277.DGN, \\SR000278.DGN, \\SR000279.DGN, \\SR000280.DGN, \\SR000281.DGN, \\SR000282.DGN, \\SR000283.DGN, \\SR000284.DGN, \\SR000285.DGN, \\SR000286.DGN, \\SR000287.DGN, \\SR000288.DGN, \\SR000289.DGN, \\SR000290.DGN, \\SR000291.DGN, \\SR000292.DGN, \\SR000293.DGN, \\SR000294.DGN, \\SR000295.DGN, \\SR000296.DGN, \\SR000297.DGN, \\SR000298.DGN, \\SR000299.DGN, \\SR000300.DGN, \\SR000301.DGN, \\SR000302.DGN, \\SR000303.DGN, \\SR000304.DGN, \\SR000305.DGN, \\SR000306.DGN, \\SR000307.DGN, \\SR000308.DGN, \\SR000309.DGN, \\SR000310.DGN, \\SR000311.DGN, \\SR000312.DGN, \\SR000313.DGN, \\SR000314.DGN, \\SR000315.DGN, \\SR000316.DGN, \\SR000317.DGN, \\SR000318.DGN, \\SR000319.DGN, \\SR000320.DGN, \\SR000321.DGN, \\SR000322.DGN, \\SR000323.DGN, \\SR000324.DGN, \\SR000325.DGN, \\SR000326.DGN, \\SR000327.DGN, \\SR000328.DGN, \\SR000329.DGN, \\SR000330.DGN, \\SR000331.DGN, \\SR000332.DGN, \\SR000333.DGN, \\SR000334.DGN, \\SR000335.DGN, \\SR000336.DGN, \\SR000337.DGN, \\SR000338.DGN, \\SR000339.DGN, \\SR000340.DGN, \\SR000341.DGN, \\SR000342.DGN, \\SR000343.DGN, \\SR000344.DGN, \\SR000345.DGN, \\SR000346.DGN, \\SR000347.DGN, \\SR000348.DGN, \\SR000349.DGN, \\SR000350.DGN, \\SR000351.DGN, \\SR000352.DGN, \\SR000353.DGN, \\SR000354.DGN, \\SR000355.DGN, \\SR000356.DGN, \\SR000357.DGN, \\SR000358.DGN, \\SR000359.DGN, \\SR000360.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59		WILL	102	65
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
		99(1&2)AC-R-2		CONTRACT NO. 60B97

\\AL100264.DGN, \\S000261.DGN, \\S000262.DGN, \\S000263.DGN, \\S000264.DGN, \\S000265.DGN, \\S000266.DGN, \\S000267.DGN, \\S000268.DGN, \\S000269.DGN, \\S000270.DGN, \\S000271.DGN, \\S000272.DGN, \\S000273.DGN, \\S000274.DGN, \\S000275.DGN, \\S000276.DGN, \\S000277.DGN, \\S000278.DGN, \\S000279.DGN, \\S000280.DGN, \\S000281.DGN, \\S000282.DGN, \\S000283.DGN, \\S000284.DGN, \\S000285.DGN, \\S000286.DGN, \\S000287.DGN, \\S000288.DGN, \\S000289.DGN, \\S000290.DGN, \\S000291.DGN, \\S000292.DGN, \\S000293.DGN, \\S000294.DGN, \\S000295.DGN, \\S000296.DGN, \\S000297.DGN, \\S000298.DGN, \\S000299.DGN, \\S000300.DGN



PAVEMENT MARKING LEGEND

- (20) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (WHITE)
- (23) THERMOPLASTIC PAVEMENT MARKING- LINE 4" (YELLOW)
- (28) THERMOPLASTIC PAVEMENT MARKING- LINE 24" (WHITE)

SIGNING LEGEND

- EXISTING GROUND/ BRIDGE MOUNTED SIGN
- PROPOSED GROUND/ BRIDGE MOUNTED SIGN

LANDSCAPING LEGEND

- SEEDING CLASS 2A (SALT TOLERANT ROADSIDE MIXTURE) TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (90 LBS/ACRE EACH)
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS (60 LBS/ACRE EACH)

- (X'') TREE TRUNK PROTECTION (TTP)
- RAISED REFLECTIVE PAVEMENT MARKERS (TWO-WAY AMBER) TO BE PLACED PER DISTRICT 1 STANDARD TC-11.

REVISIONS	
NAME	DATE

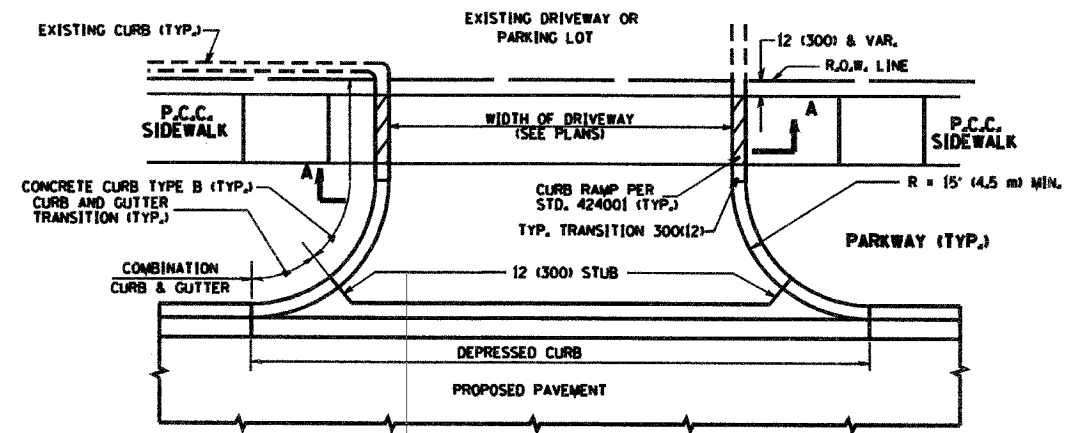
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI 55 WEST FRONTAGE ROAD AT IL 59
 SECTION: 99(1&2)AC-R-2

**PAVEMENT MARKING, SIGNING AND LANDSCAPING PLANS
 SEIL ROAD AND IL59**

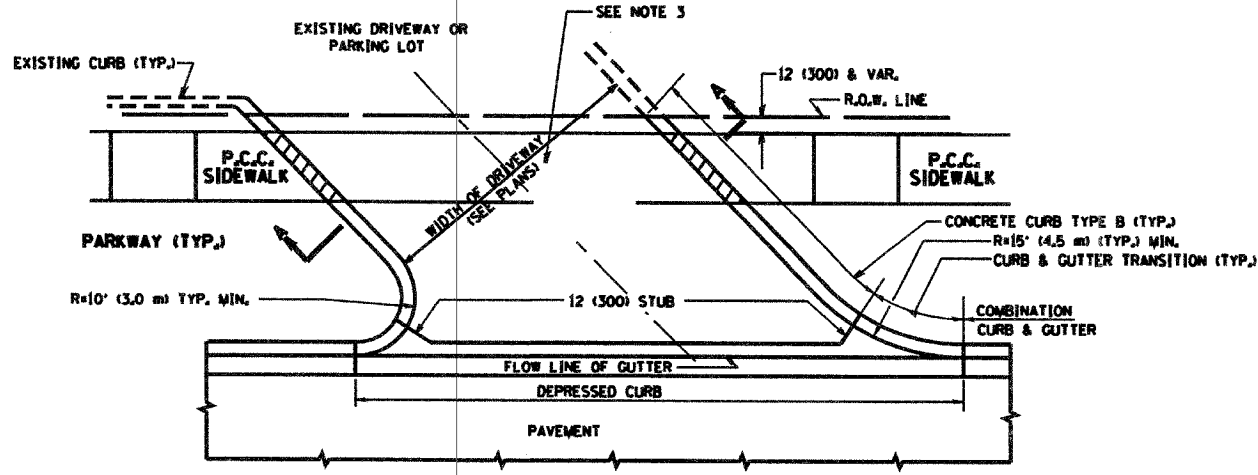
SCALE: 1" = 50'
 DATE: 03/22/2007
 DRAWN BY: BRH
 CHECKED BY: ACL

TENG
TRING & ASSOCIATES INC.
 ENGINEERS ARCHITECTS PLANNERS
 200 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312.329.0000

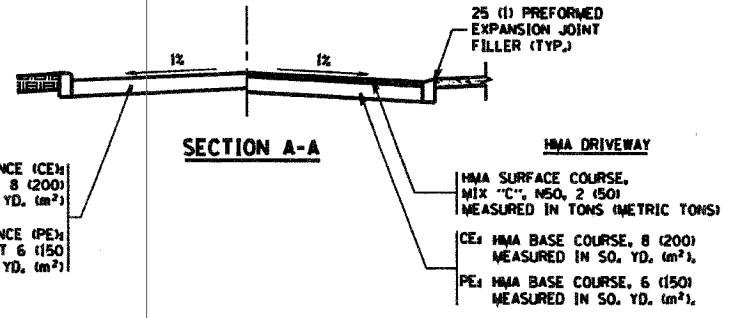
CONTRACT NO. 62719				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B

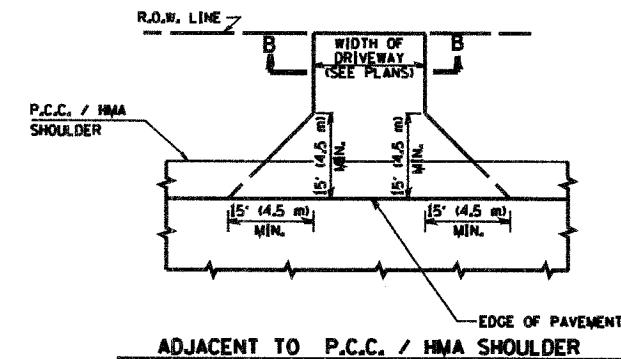


WITH CONCRETE CURB, TYPE B

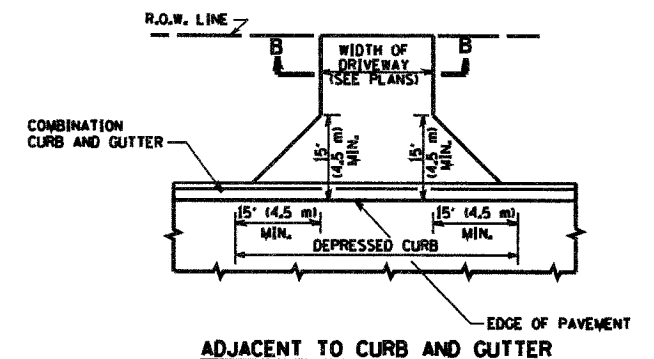


RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE)
 P.C.C. DRIVEWAY PAVEMENT 8 (200)
 MEASURED IN SQ. YD. (m²)
 NON-COMMERCIAL ENTRANCE (PE)
 P.C.C. DRIVEWAY PAVEMENT 6 (150)
 MEASURED IN SQ. YD. (m²)

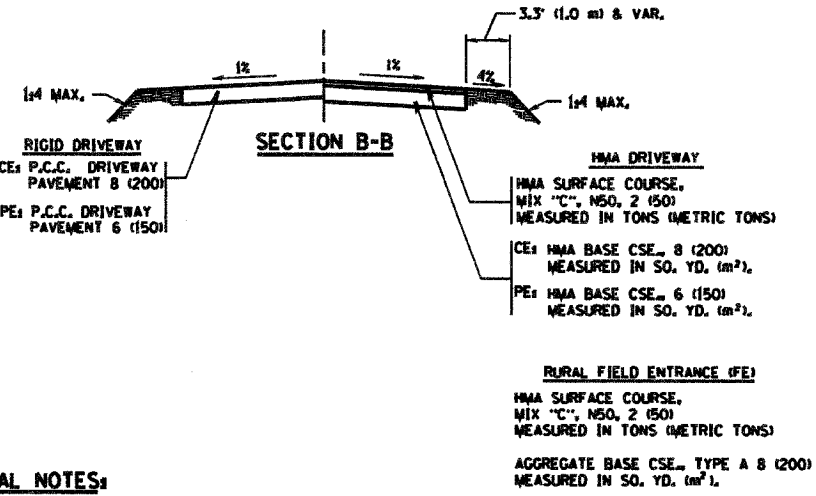
HMA DRIVEWAY
 HMA SURFACE COURSE,
 MIX "C", NSO, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 CE: HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (m²),
 PE: HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (m²)



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1/50.

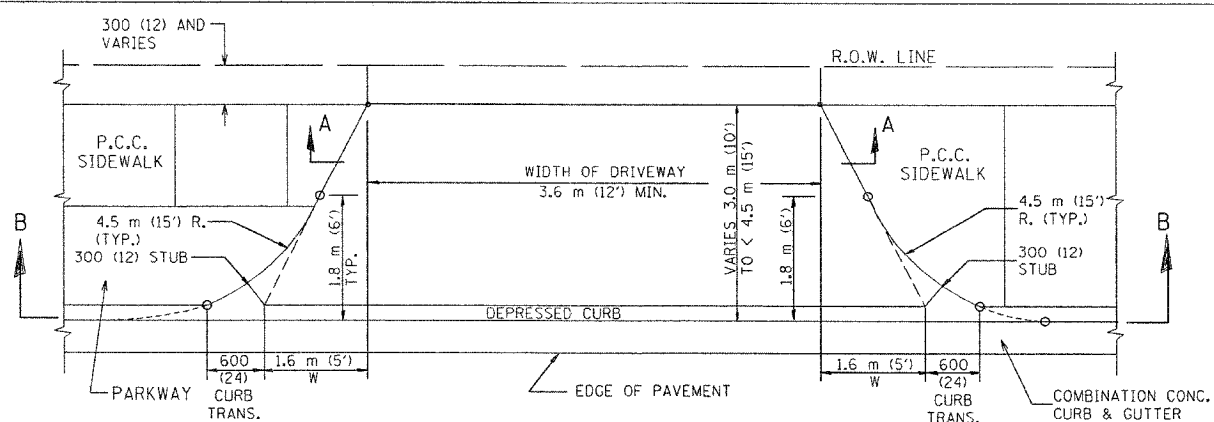
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

REVISIONS	NAME	DATE
1	R. SHAH	11-04-95
2	J. POLLASTRINI	08-12-96
3	J. POLLASTRINI	12-14-96
4	A. ABBAS	03-21-97
5	T. HOLTZ	04-09-97
6	M. GOMEZ	04-08-01
7	P. LEFLEUR	04-18-03
8	R. BORO	01-01-07

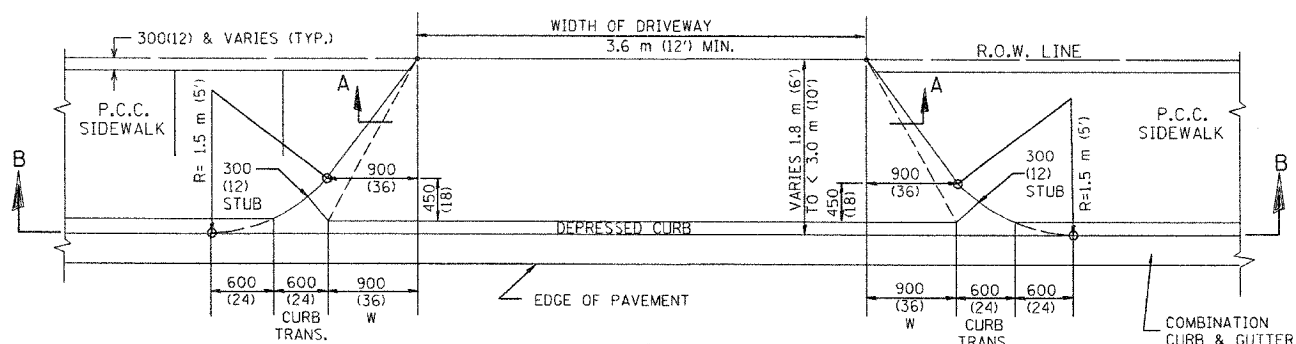
ILLINOIS DEPARTMENT OF TRANSPORTATION
DRIVEWAY DETAILS
 DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)
 VERT. SCALE: NONE
 HORIZ. SCALE: 1" = 10'
 PLOT DATE: 1/19/2007
 DRAWN BY:
 CHECKED BY:
 BDO156-07 (BD-01)
 REVISION DATE: 01/01/07

PLOT DATE: 1/19/2007
 FILE NAME: BDO156-07 (BD-01).pl
 PLOT SCALE: 1" = 10'
 USER: BORO

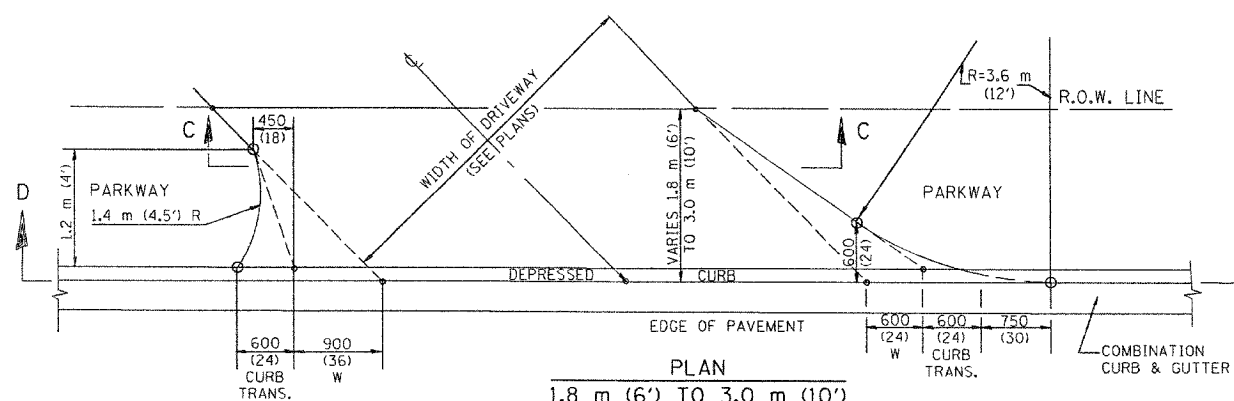
F.A. ETC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			102	69
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



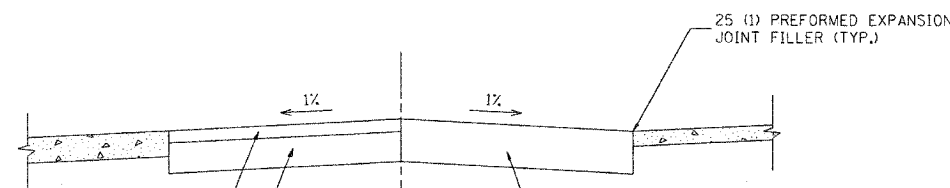
PLAN
3.0 m (10') TO < 4.5 m (15')



PLAN
1.8 m (6') < 3.0 m (10')

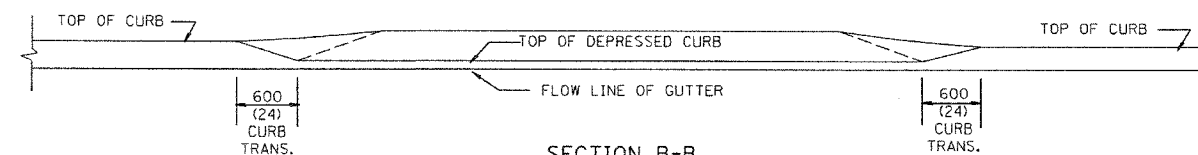


PLAN
1.8 m (6') TO 3.0 m (10')

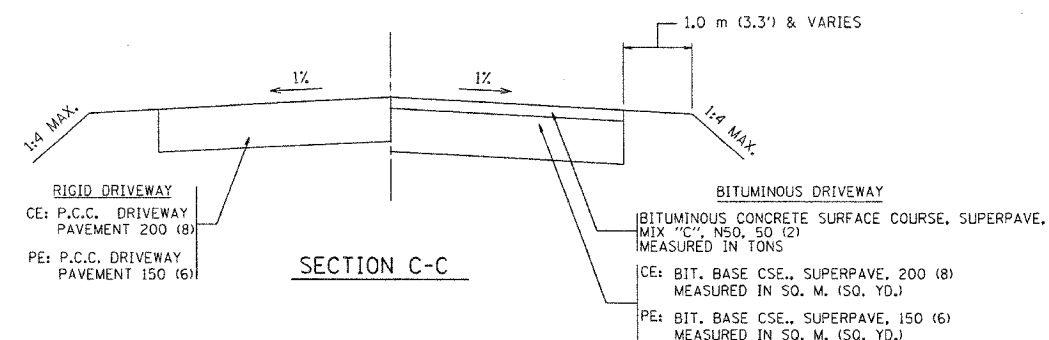


BITUMINOUS DRIVEWAY
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 50 (2) MEASURED IN TONS
BIT. BASE CSE., SUPERPAVE, 200 (8) CE: MEASURED IN SQ. M. (SQ. YD.)
BIT. BASE CSE., SUPERPAVE, 150 (6) PE: MEASURED IN SQ. M. (SQ. YD.)

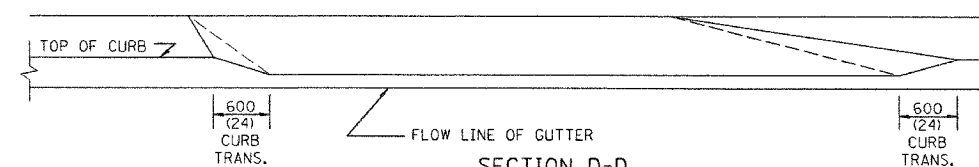
RIGID DRIVEWAY
P.C.C. DRIVEWAY PAVEMENT 200 (8)
RIGID DRIVEWAY
CE: P.C.C. DRIVEWAY PAVEMENT 200 (8)
PE: P.C.C. DRIVEWAY PAVEMENT 150 (6)



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 2.4 M (8'), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

25 (1) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 900 (36) TO 1.5 m (5 FT.) PROPORTIONAL TO THE LENGTH (L), FROM 1.8 m (6 FT.) TO 3 m (10 FT.).

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS

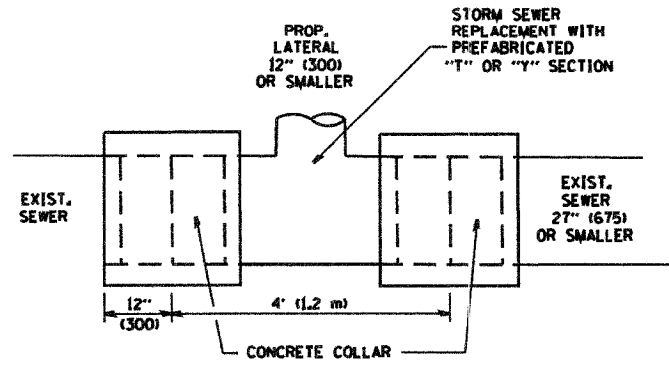
DISTANCE BETWEEN ROW AND FACE OF CURB < 4.5 m (15')

REVISIONS	
NAME	DATE
P. LOFLEUR	04/15/03
M. GOMEZ	04/06/01
R. SHAH	11/06/95
J. POLLASTRINI	08/12/96
J. POLLASTRINI	12/14/96
A. ABBAS	03/21/97
T. HOLTZ	04/08/97

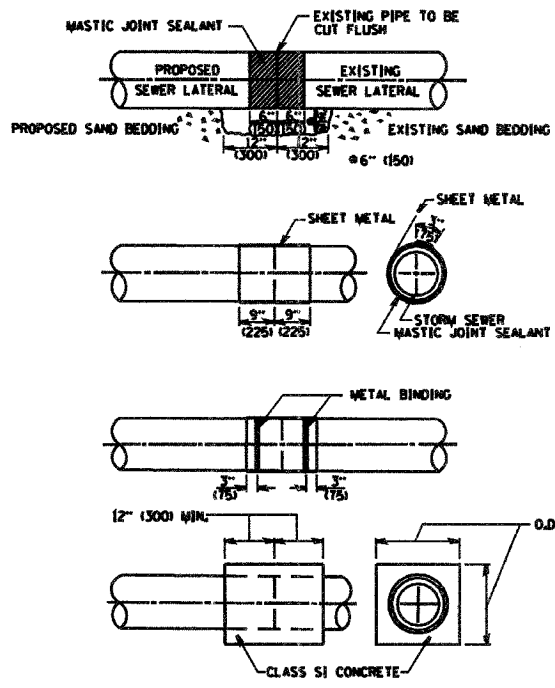
SCALE: NONE
DATE PLOTTED: 04/17/2003

DRAWN BY: SG
CHECKED BY: JFP
BD400-02 (BD-02)

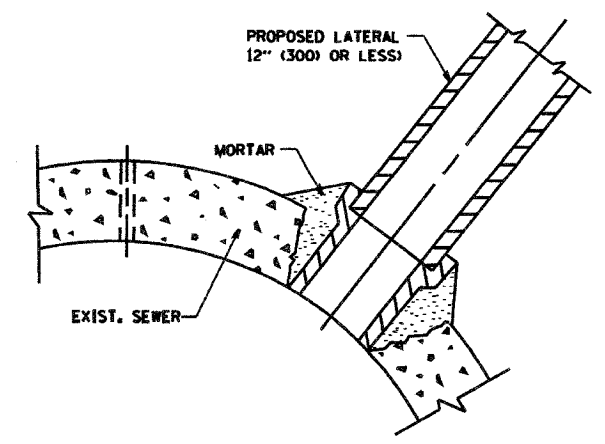
REVISION DATE: 04/15/03



DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR



DETAIL "C"
PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT Oozes OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

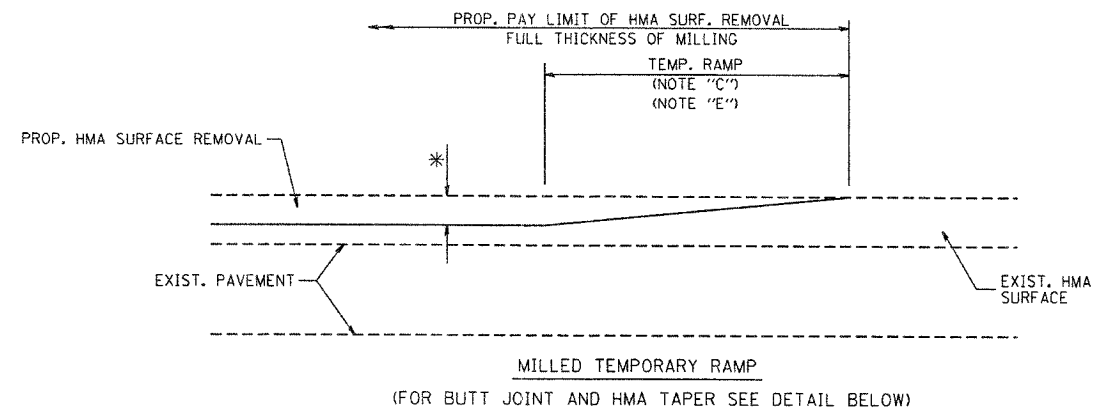
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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 USER: jrb

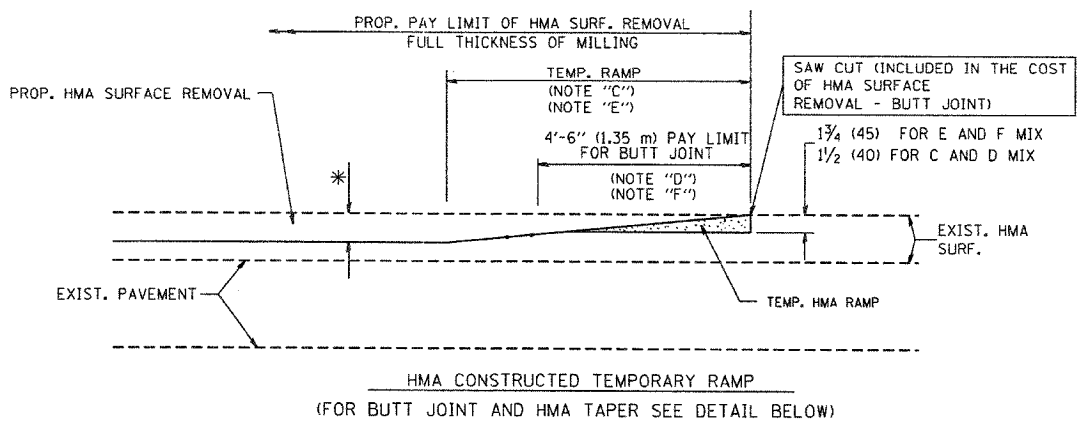
REVISIONS	
NO.	DATE
1	07/25/90
2	02/05/92
3	05/08/92
4	09/09/94
5	10/25/94
6	06/12/96

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

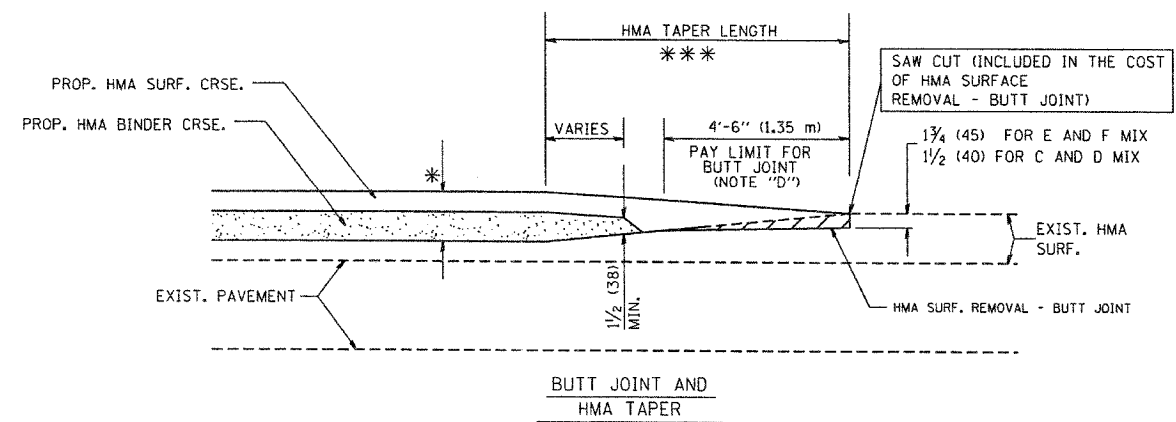
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DATE: 1/19/2007
DRAWN BY: [blank]
CHECKED BY: [blank]
BD500-01 (BD-7)
REVISION DATE: 01/01/07



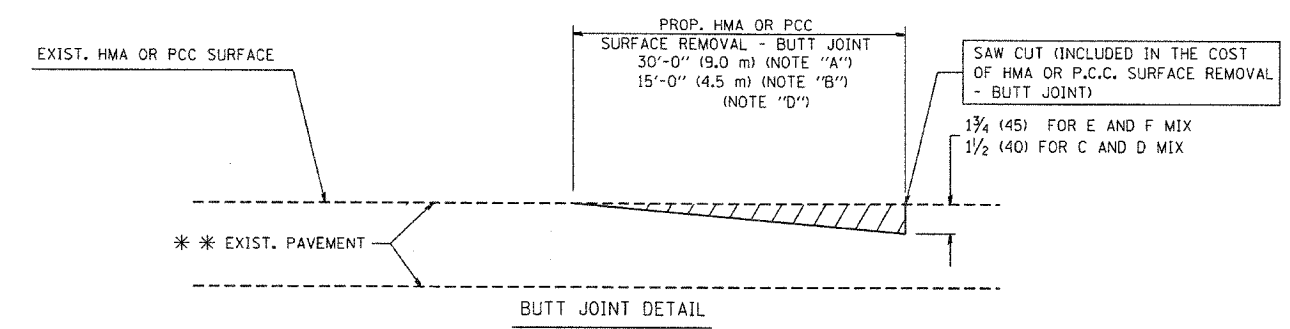
OPTION 1



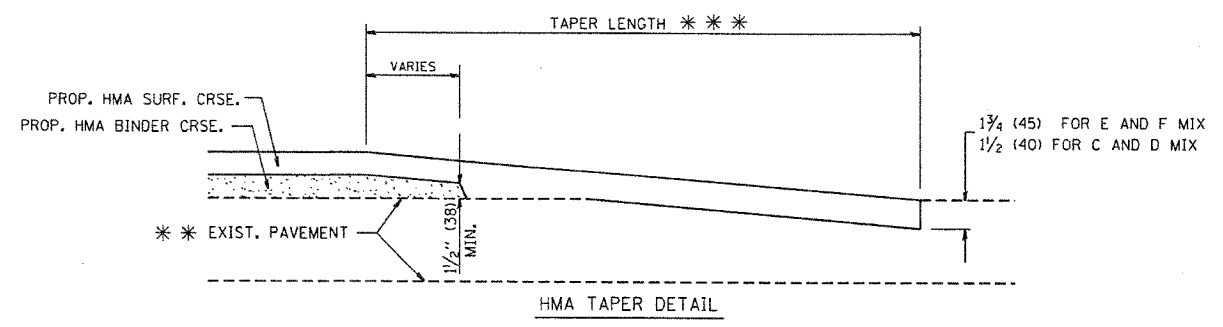
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

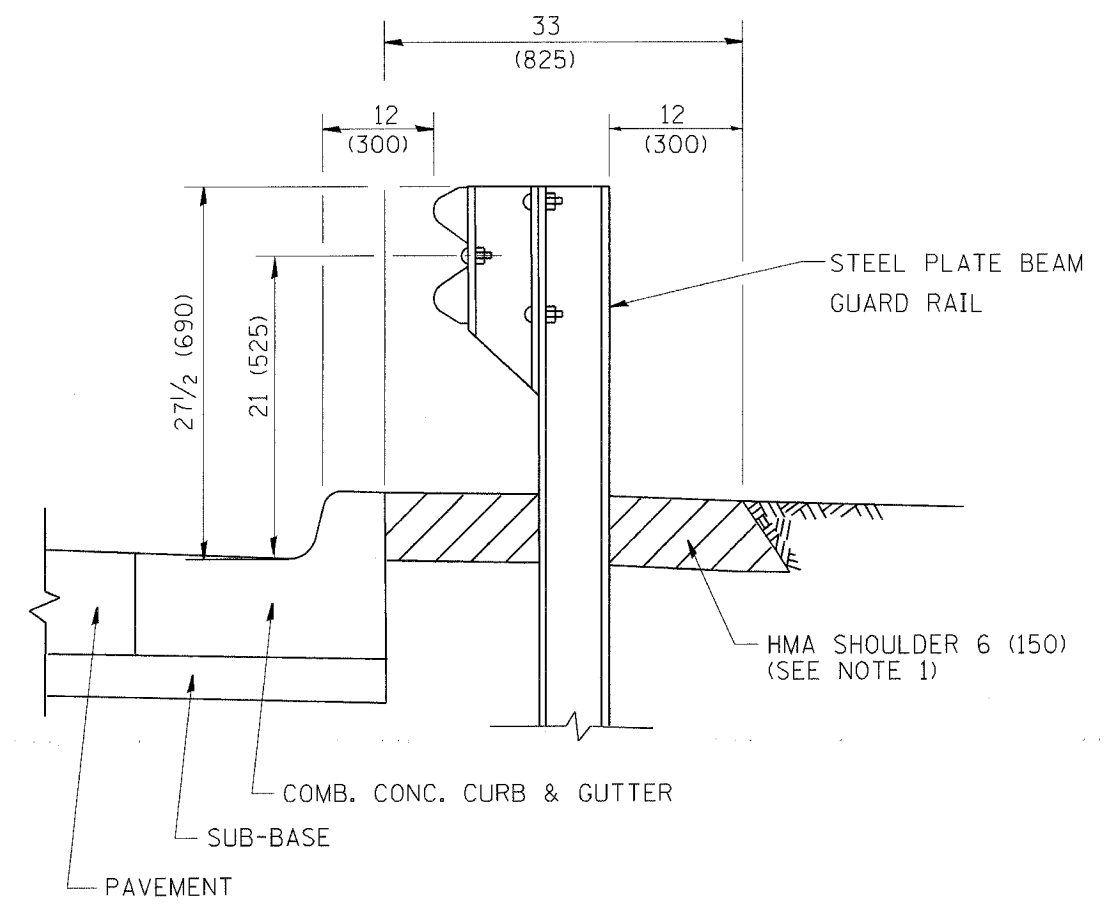
REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
HORIZ. NONE
PLOT DATE: 10/31/2006

DRAWN BY
CHECKED BY
BD400-05 (VI-BD32)
REVISION DATE: 01/01/07

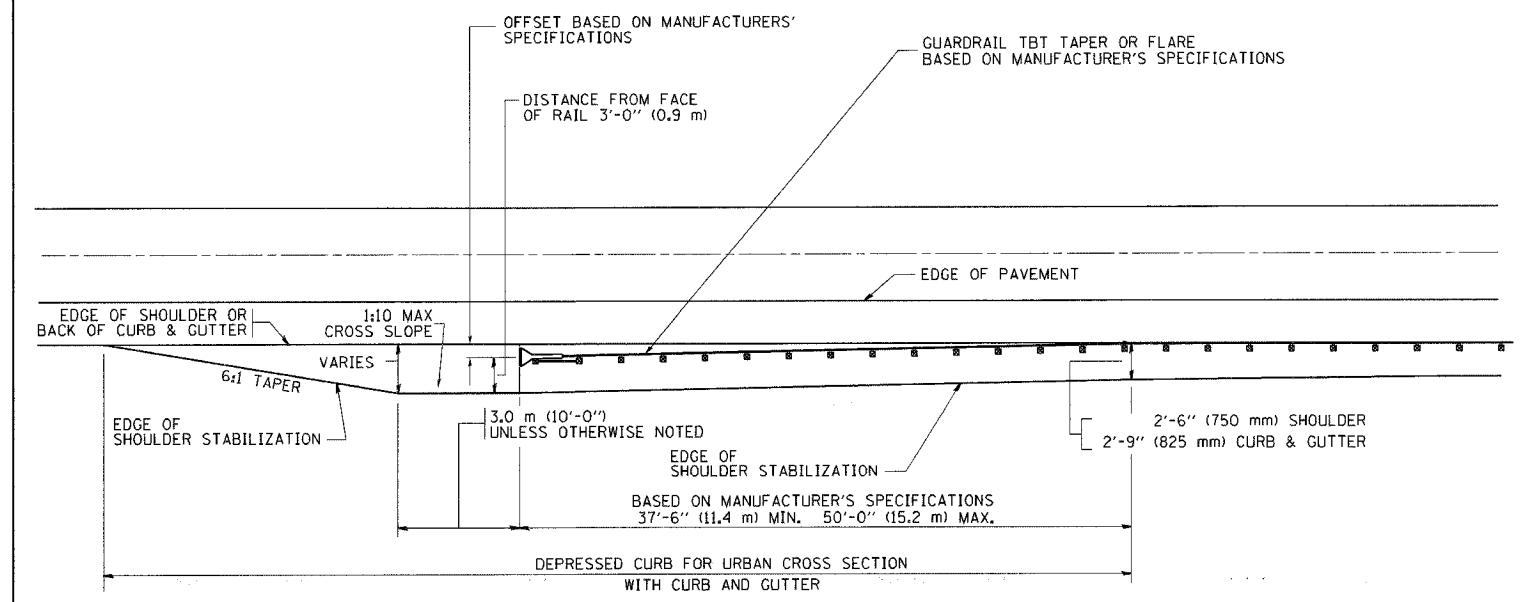


- NOTES: 1. THE HMA SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: HMA SHOULDER 6 (150) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDER 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER
 [FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



STABILIZATION AT TBT TY. 1 SPL.

TBT = TRAFFIC BARRIER TERMINAL
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	09-22-90
M. DE YONG	07-14-92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	02/23/95
A. ABBAS	03/21/97
E. GOMEZ	08/28/00
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

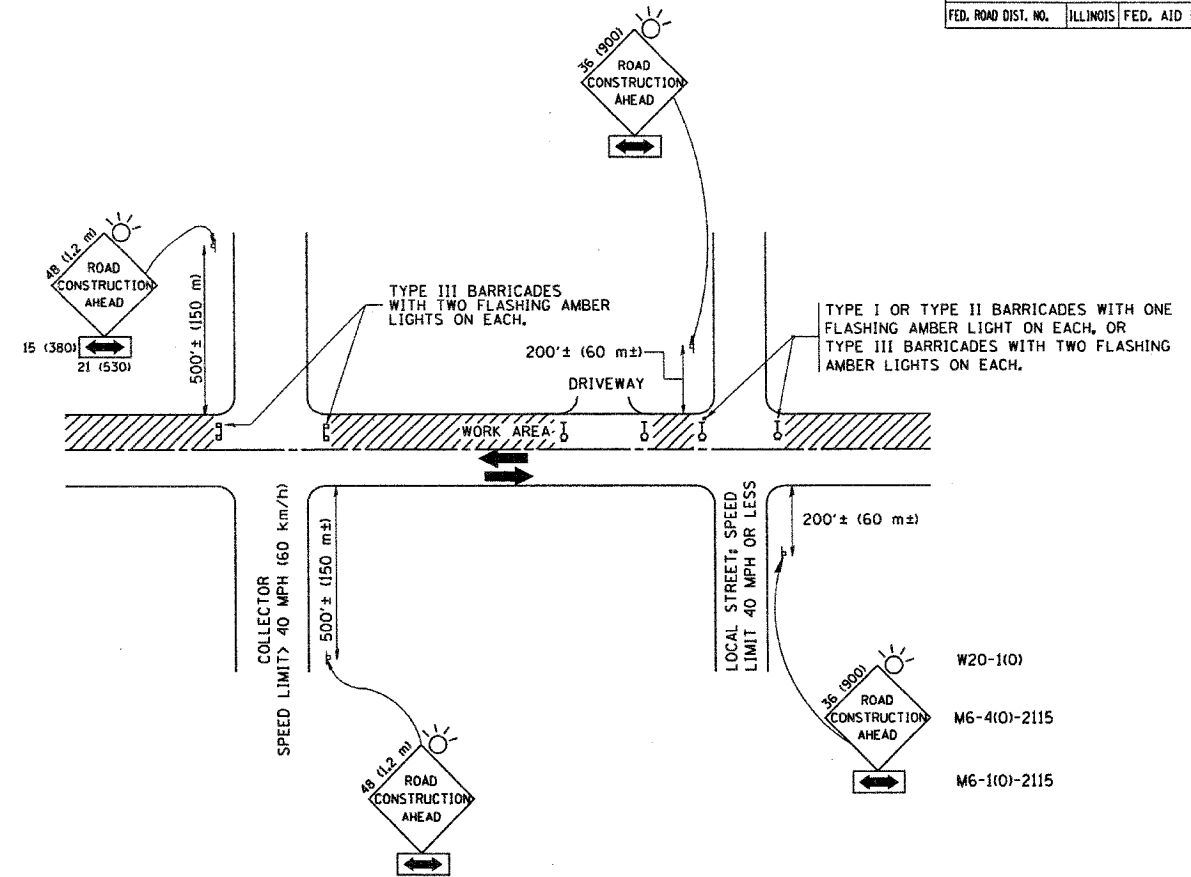
DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL.

SCALE: VERT. NONE
 HORIZ. NONE
 PLOT DATE: 1/18/2007

DRAWN BY: jls
 CHECKED BY:

PLOT DATE = 1/18/2007
 FILE NAME = c:\projects\1182007\1182007.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = drakekgm

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			102	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

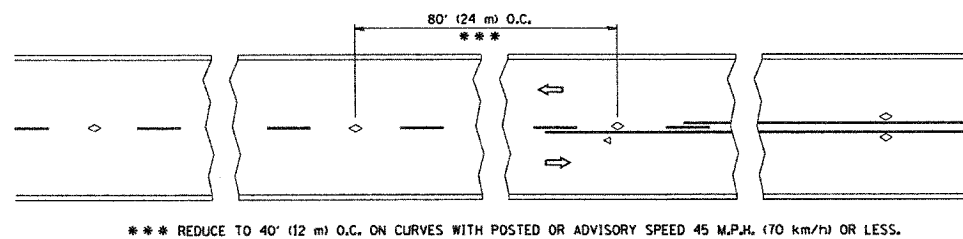
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

All dimensions are in millimeters (inches) unless otherwise shown.

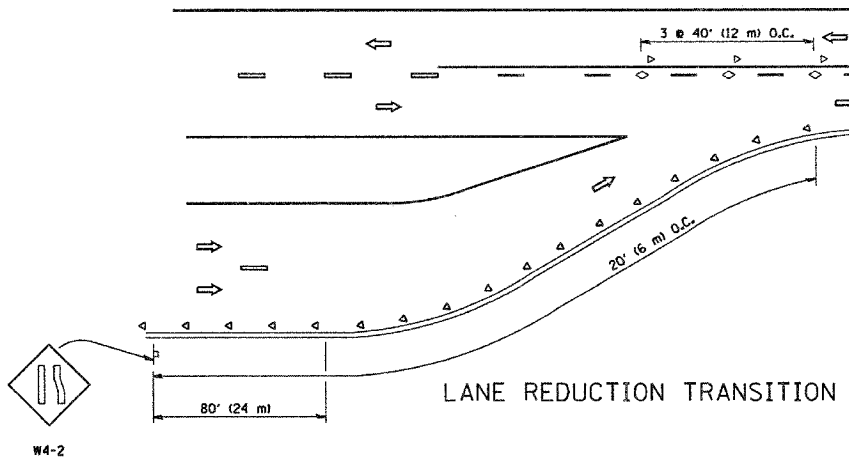
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
NAME	DATE	
LHA	6/789	
T. RAMMACHER	09/08/94	
J. OBERLE	10/18/95	
A. HOUSEH	03/06/96	
T. RAMMACHER	01/06/00	
SCALE:		DRAWN BY
DATE: 1/17/2007		CHECKED BY

PLOT DATE: 1/17/2007
 FILE NAME: K:\Users\lha\Bldg
 PLOT SCALE: 25.0000 / IN.
 USER NAME: lha

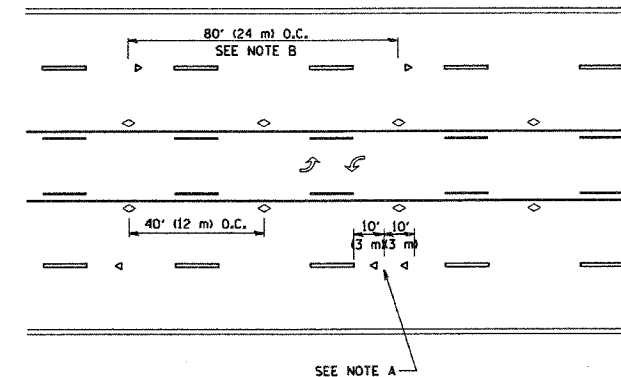
CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			102	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



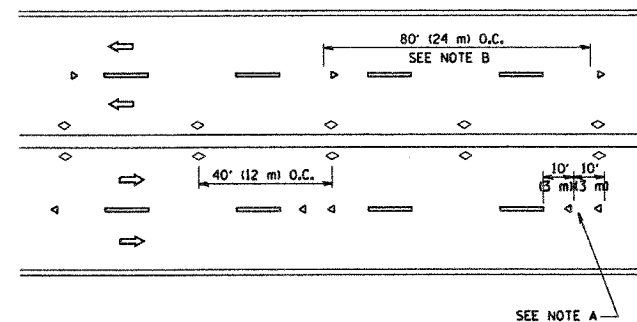
TWO-LANE/TWO-WAY



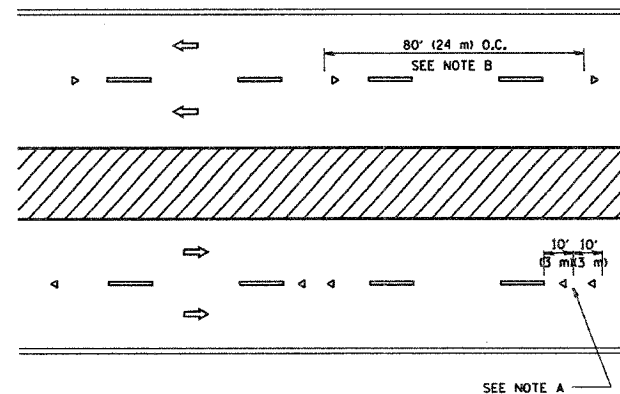
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◇ TWO-WAY AMBER MARKER

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in millimeters (inches) unless otherwise shown.

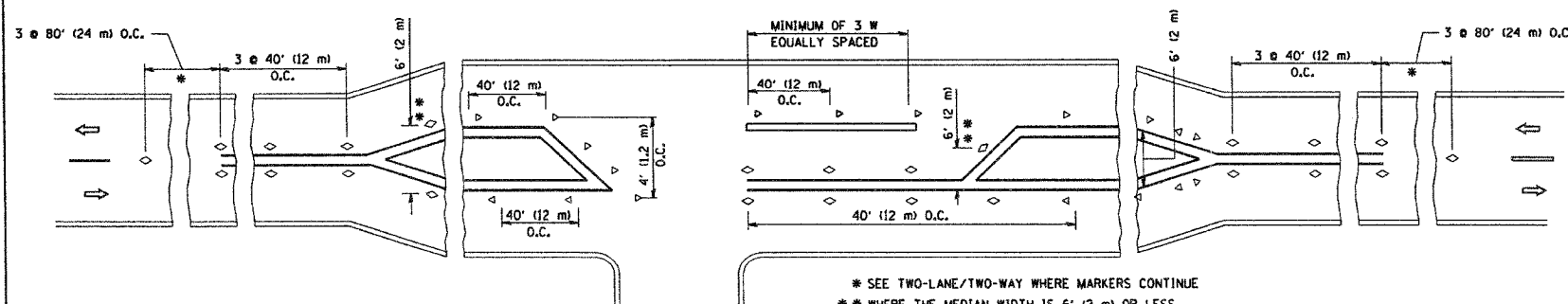
REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT
MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE
DATE: 1/17/2007

DRAWN BY CADD
CHECKED BY
TC-II

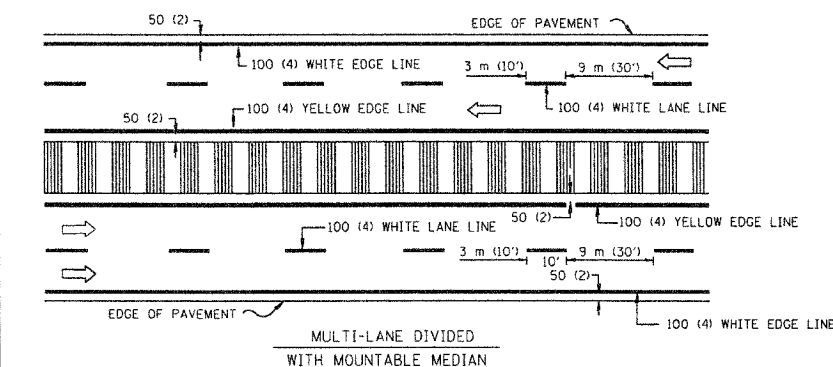
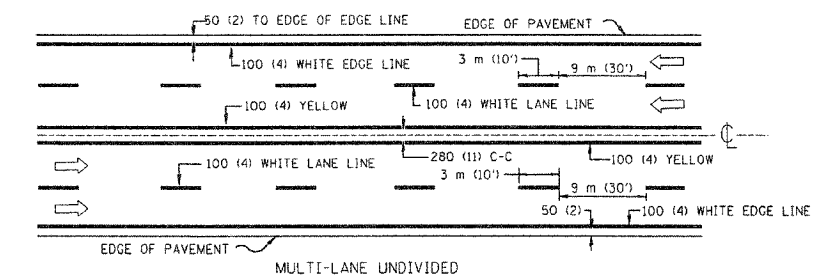
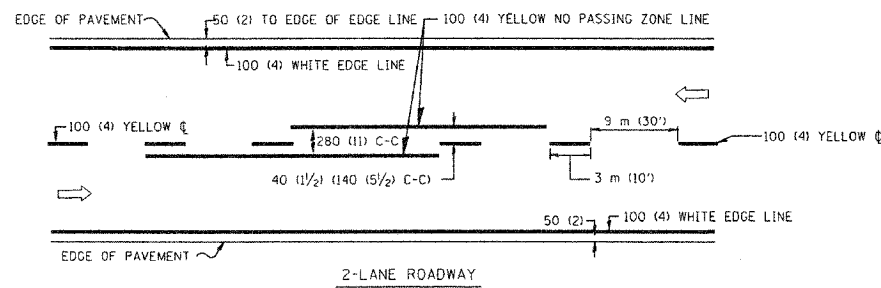
REVISION DATE: 01/06/00



LEFT TURN

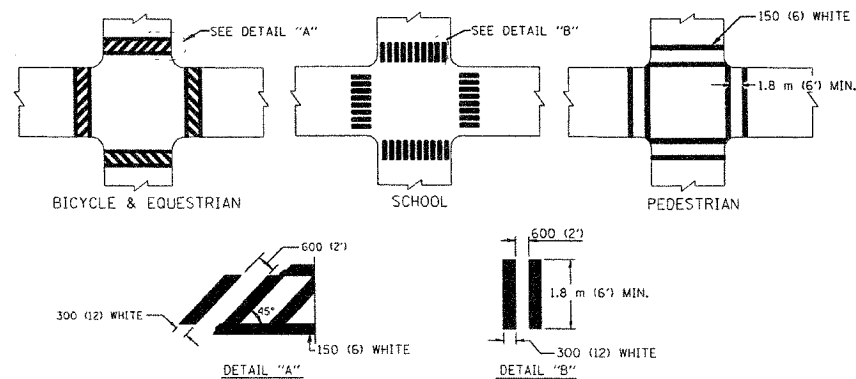
- * SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
- ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

PLOT DATE: 1/17/2007
PLOT USER: K:\ramm\ltdp
PLOT SCALE: 50.000' / IN.
USER NAME: ltp

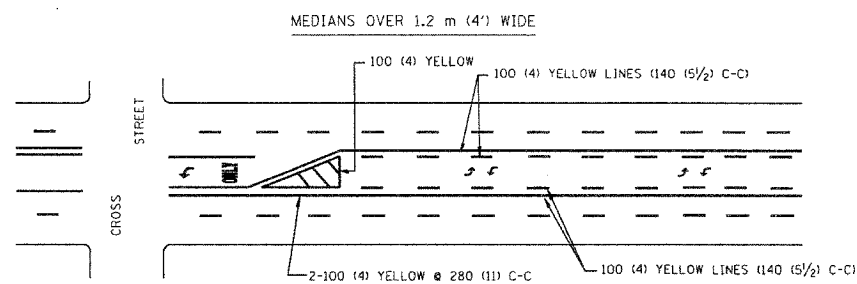
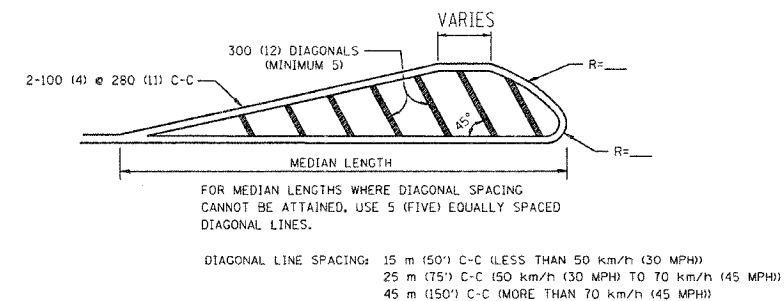
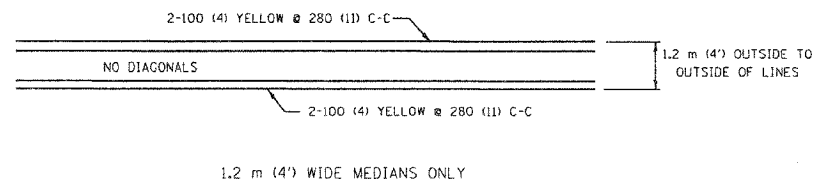


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

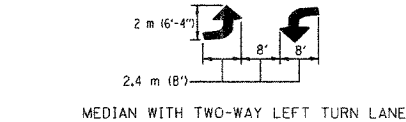
TYPICAL LANE AND EDGE LINE MARKING



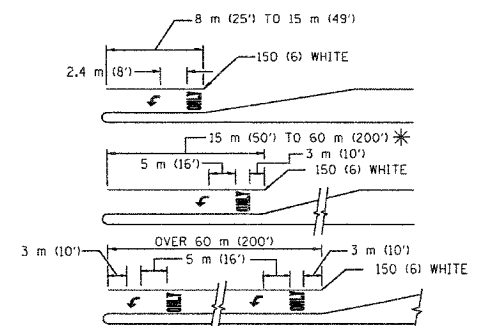
TYPICAL CROSSWALK MARKING



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



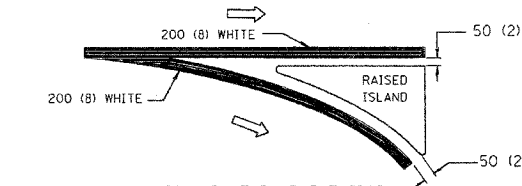
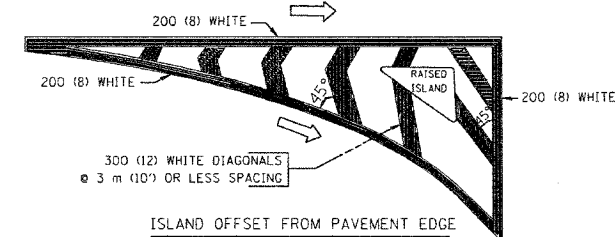
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED. AREA = 1.5 m² (15.6 SQ. FT.) ONLY AREA = 1.9 m² (20.8 SQ. FT.)

* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (24) LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (24) APART 600 (24) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH)) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m ² (3.6 SQ. FT.) EACH "X"=5.0 m ² (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH)) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

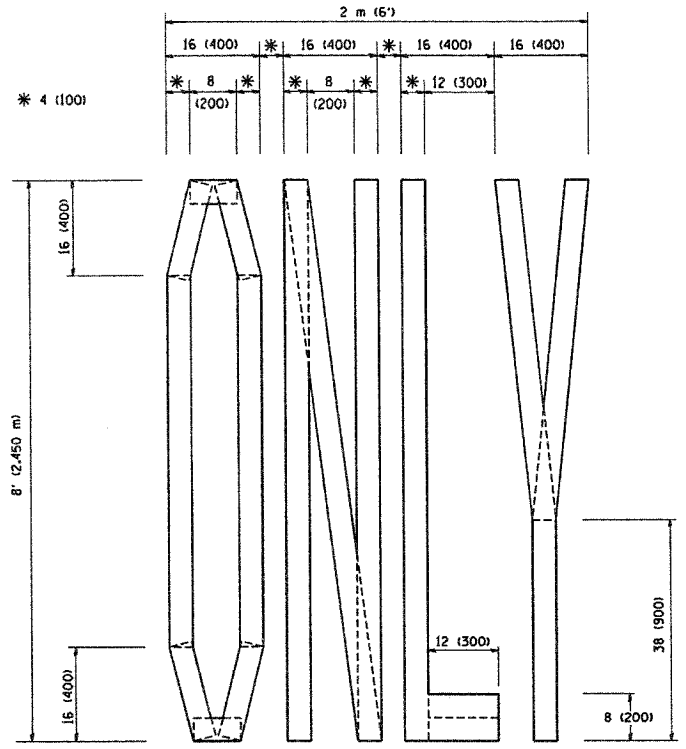
All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

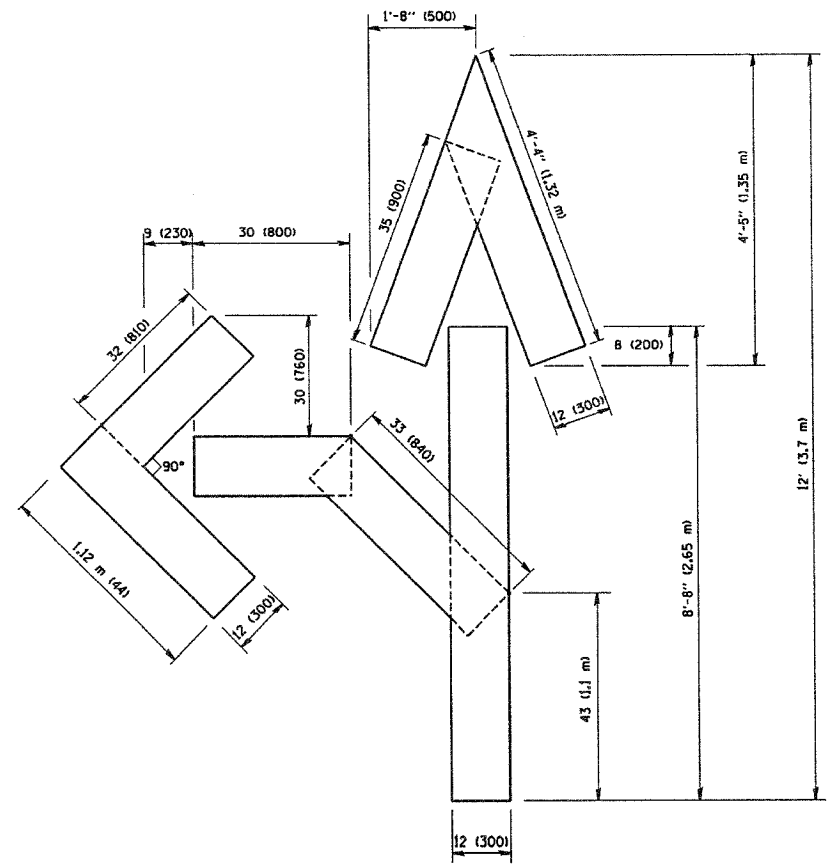
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

SCALE: NONE
DATE 10/18/2002
DRAWN BY CADD
CHECKED BY TC-13
REVISION DATE: 01/06/00

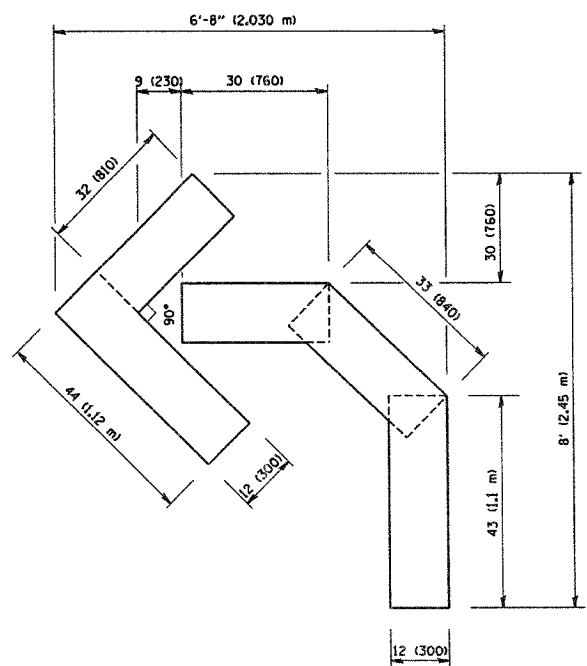
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			102	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE
 DATE: 1/17/2007

DRAWN BY CADD
 CHECKED BY

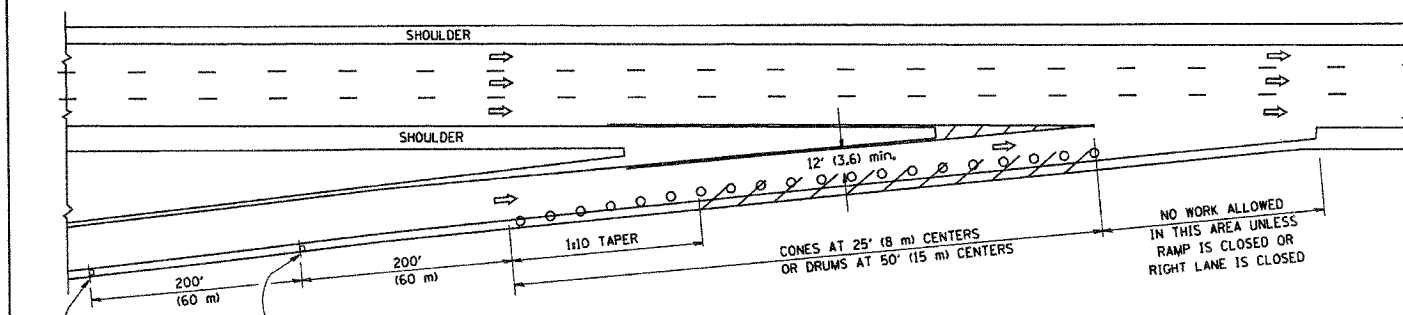
TC-16
 REVISION DATE: 08/28/00

PLOT DATE: 1/17/2007
 FILE NAME: K:\data\11\116.dgn
 PLOT SCALE: 500000 : 1
 USER NAME: j.papp

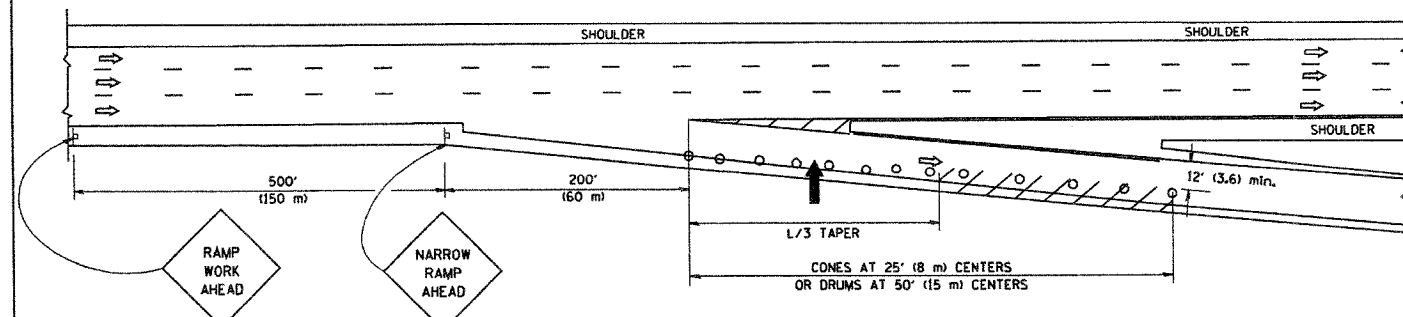
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			102	77

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

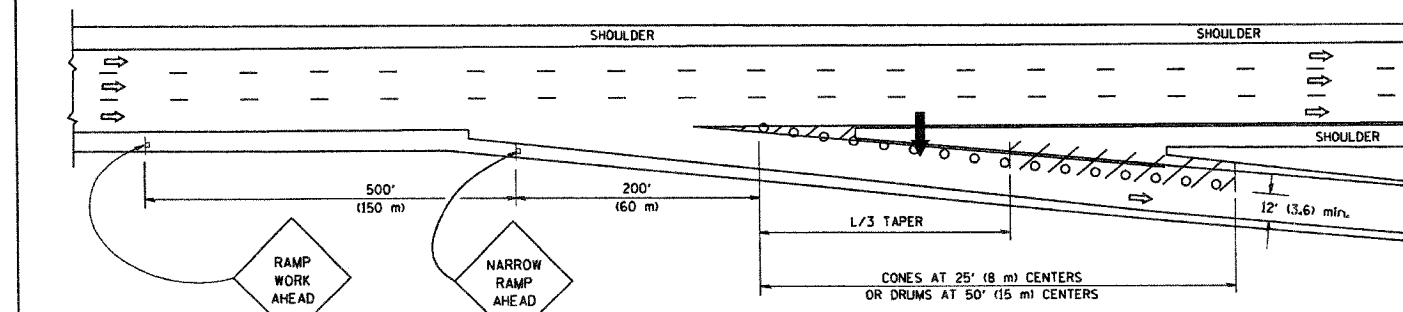
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

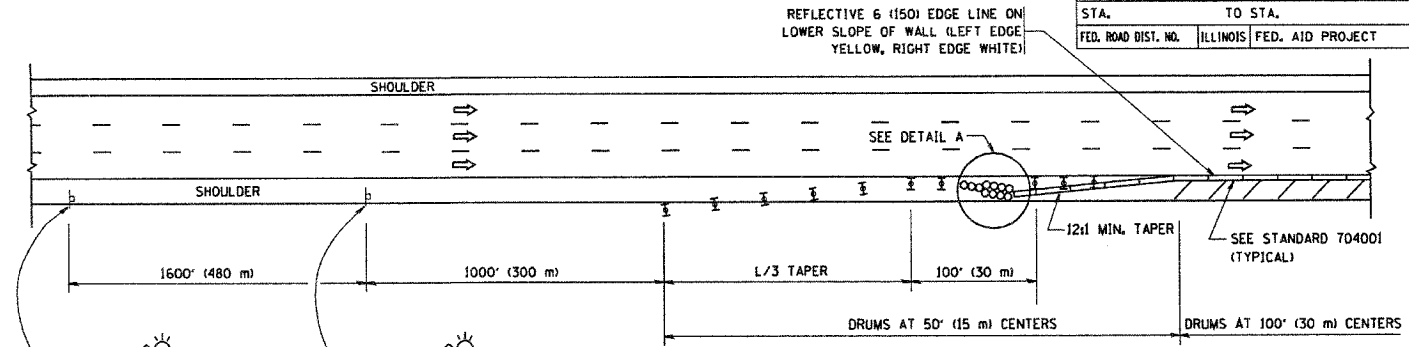
GENERAL NOTES

- THE "L" DISTANCE EQUALS:

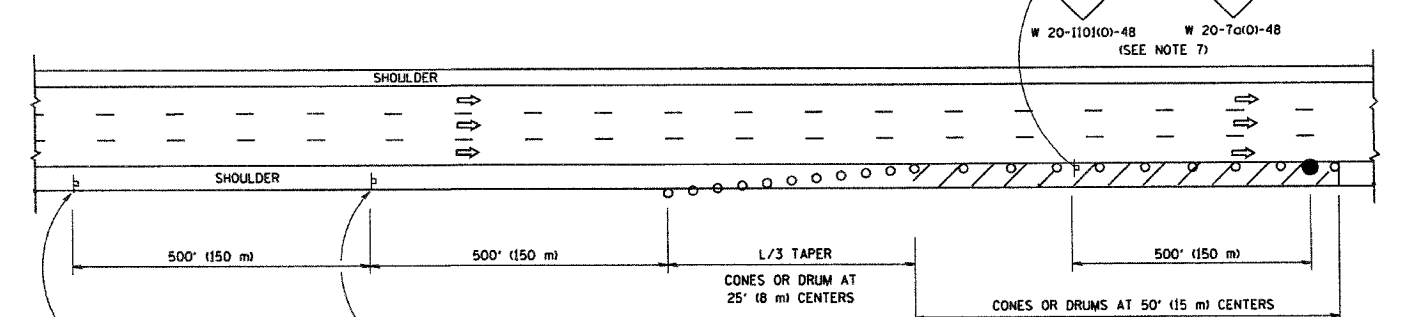
SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L=0.65(W/S)$ $L=(W/S)$

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

DETAIL "A"
 IMPACT ATTENUATOR, TEMPORARY
 (SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03
JAF	2/06
SPB	1/07

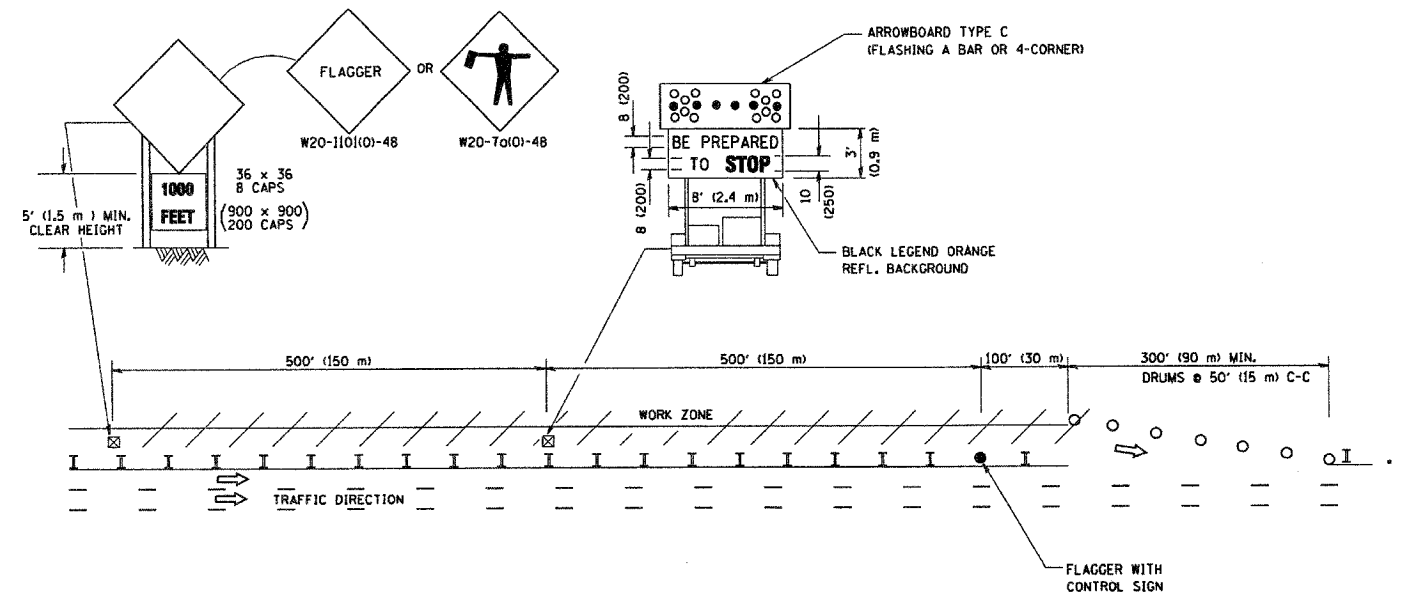
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
 PARTIAL RAMP CLOSURES
 DESIGNED BY: DWS
 SCALE: NONE
 DATE: 1/16/2007
 DRAWN BY:
 CHECKED BY:
 TC-17

PLOT DATE: 1/16/2007
 FILE NAME: K:\projects\17.dwg
 PLOT SCALE: 50.000000 / IN.
 USER NAME: jafgao

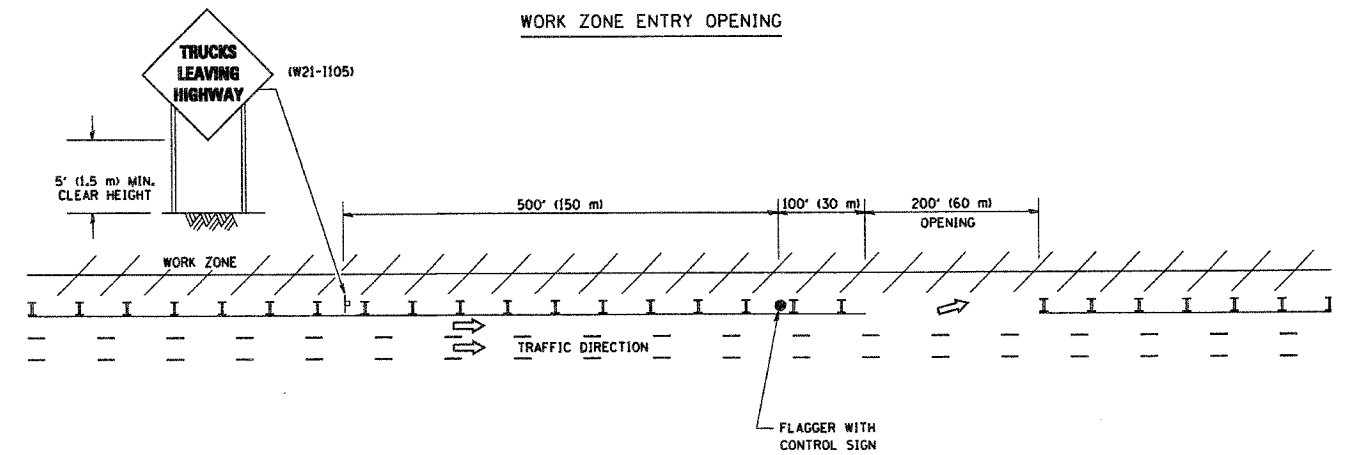
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			102	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

SCALE: NONE
DATE: 1/16/2007

DRAWN BY CADD
CHECKED BY
TC-18

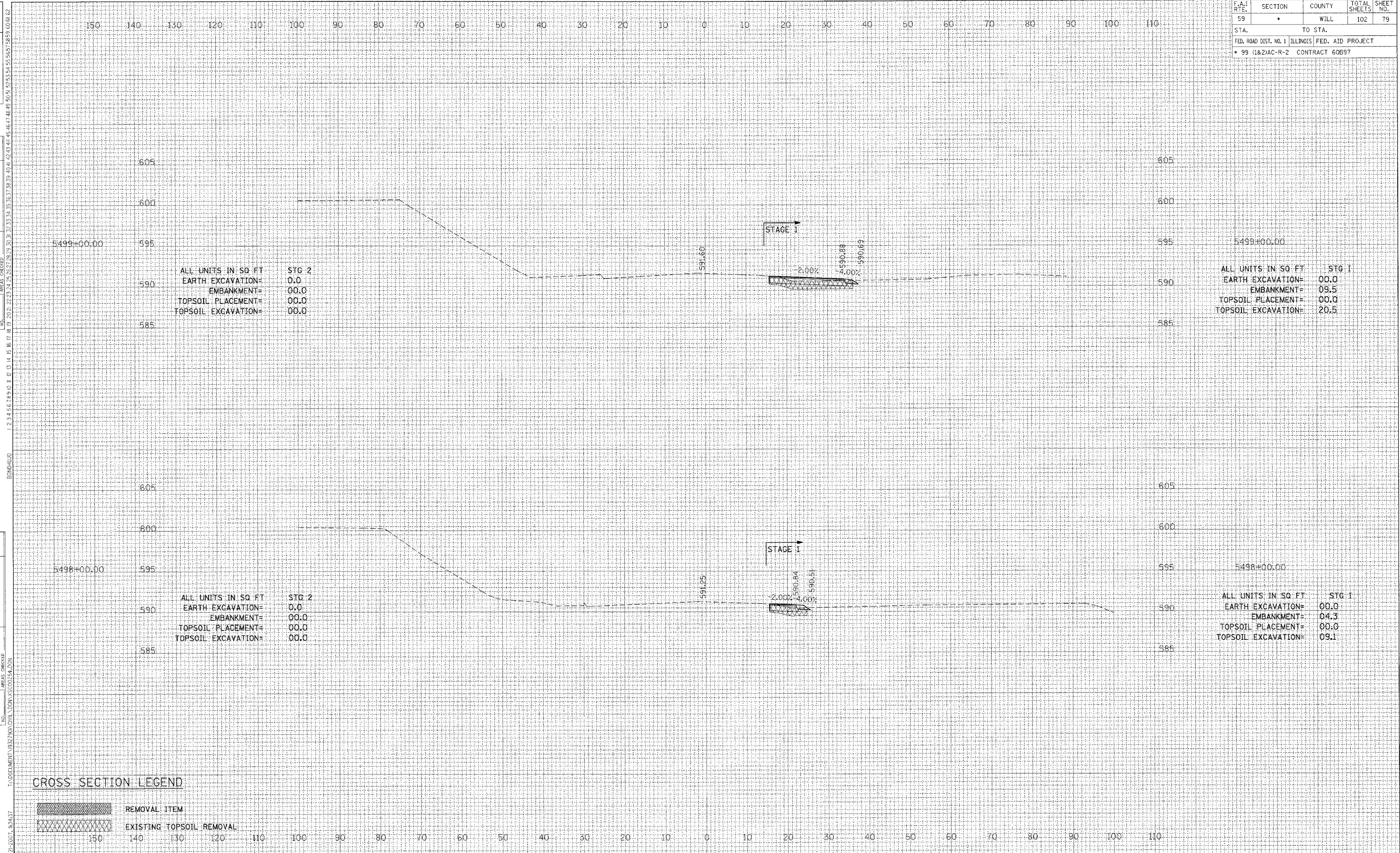
REVISION DATE: 01/01/07

F.A.I. RTE. 59	SECTION •	COUNTY WILL	TOTAL SHEETS 102	SHEET NO. 79
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	NAME	DATE

FINAL SURVEY	BY	DATE

ORIGINAL SURVEY	BY	DATE



CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL.	102	80
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
• 99 (182)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

BY	DATE

NO.	DATE	BY	DESCRIPTION
1	2/3/07		
2	3/1/07		
3	3/1/07		
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102	3/1/07		

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NO.	DATE	BY	DESCRIPTION
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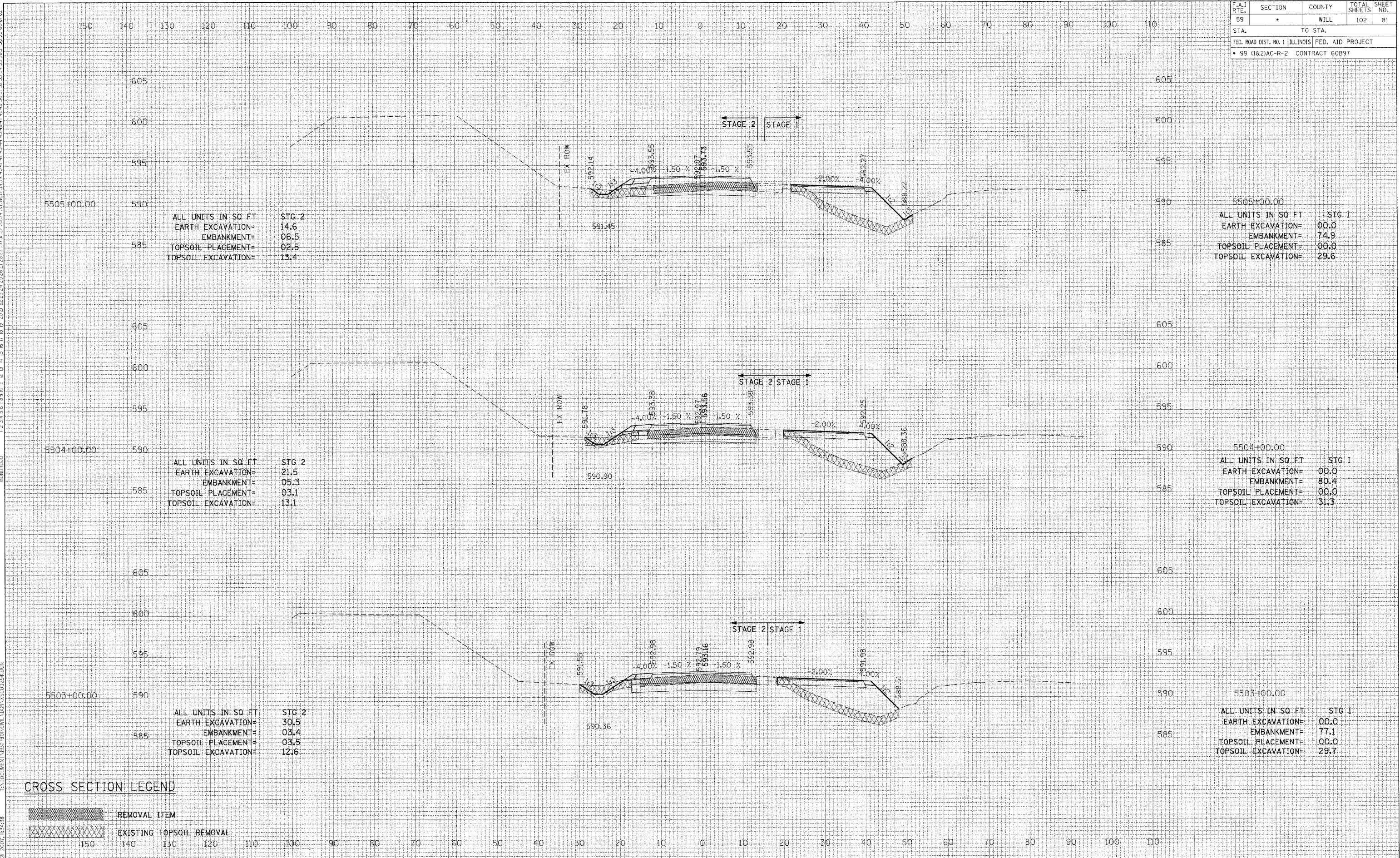
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	81
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

BY	DATE

DATE

DATE



CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

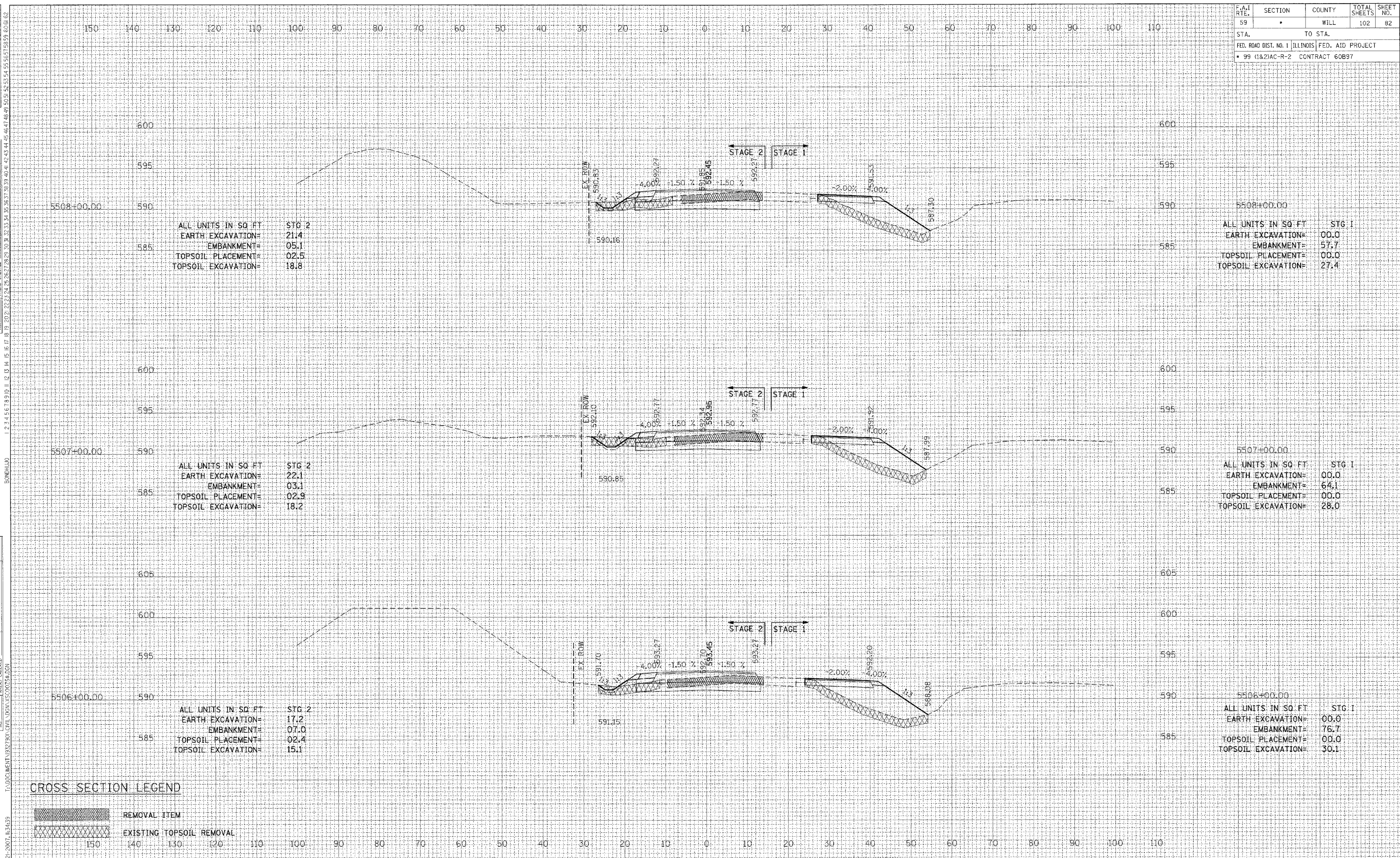
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	82
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99 (1&2)AC-R-2 CONTRACT 60B97				

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ALL UNITS IN SQ. FT.	STG. 2
EARTH EXCAVATION=	21.4
EMBANKMENT=	05.1
TOPSOIL PLACEMENT=	02.5
TOPSOIL EXCAVATION=	18.8

ALL UNITS IN SQ. FT.	STG. 1
EARTH EXCAVATION=	00.0
EMBANKMENT=	57.7
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	27.4

ALL UNITS IN SQ. FT.	STG. 2
EARTH EXCAVATION=	22.1
EMBANKMENT=	03.1
TOPSOIL PLACEMENT=	02.9
TOPSOIL EXCAVATION=	18.2

ALL UNITS IN SQ. FT.	STG. 1
EARTH EXCAVATION=	00.0
EMBANKMENT=	64.1
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	28.0

ALL UNITS IN SQ. FT.	STG. 2
EARTH EXCAVATION=	17.2
EMBANKMENT=	07.0
TOPSOIL PLACEMENT=	02.4
TOPSOIL EXCAVATION=	15.1

ALL UNITS IN SQ. FT.	STG. 1
EARTH EXCAVATION=	00.0
EMBANKMENT=	76.7
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	30.1

CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

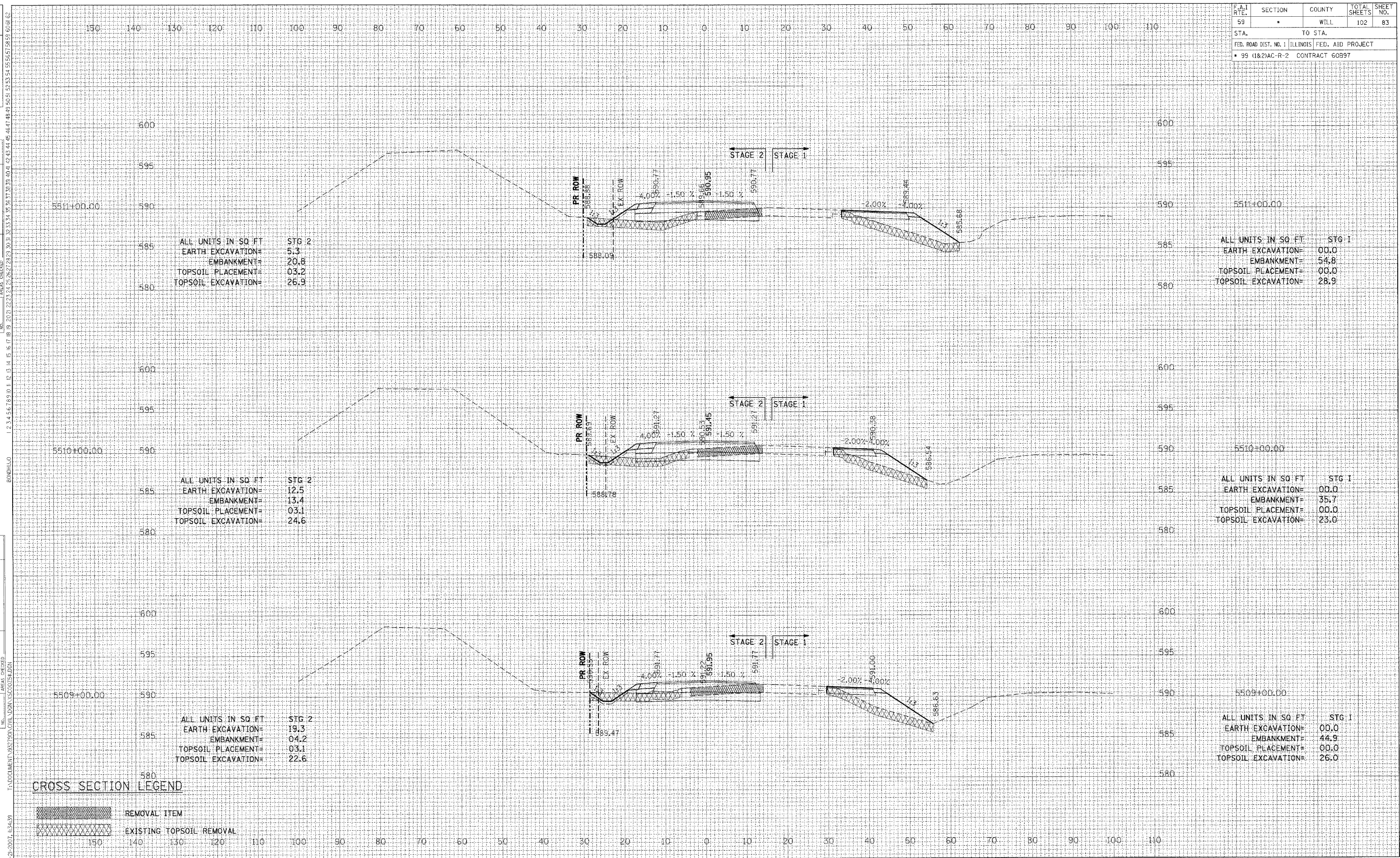
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	83
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (1&2)AC-R-2 CONTRACT 60997				

REVISIONS	DATE

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CROSS SECTION LEGEND

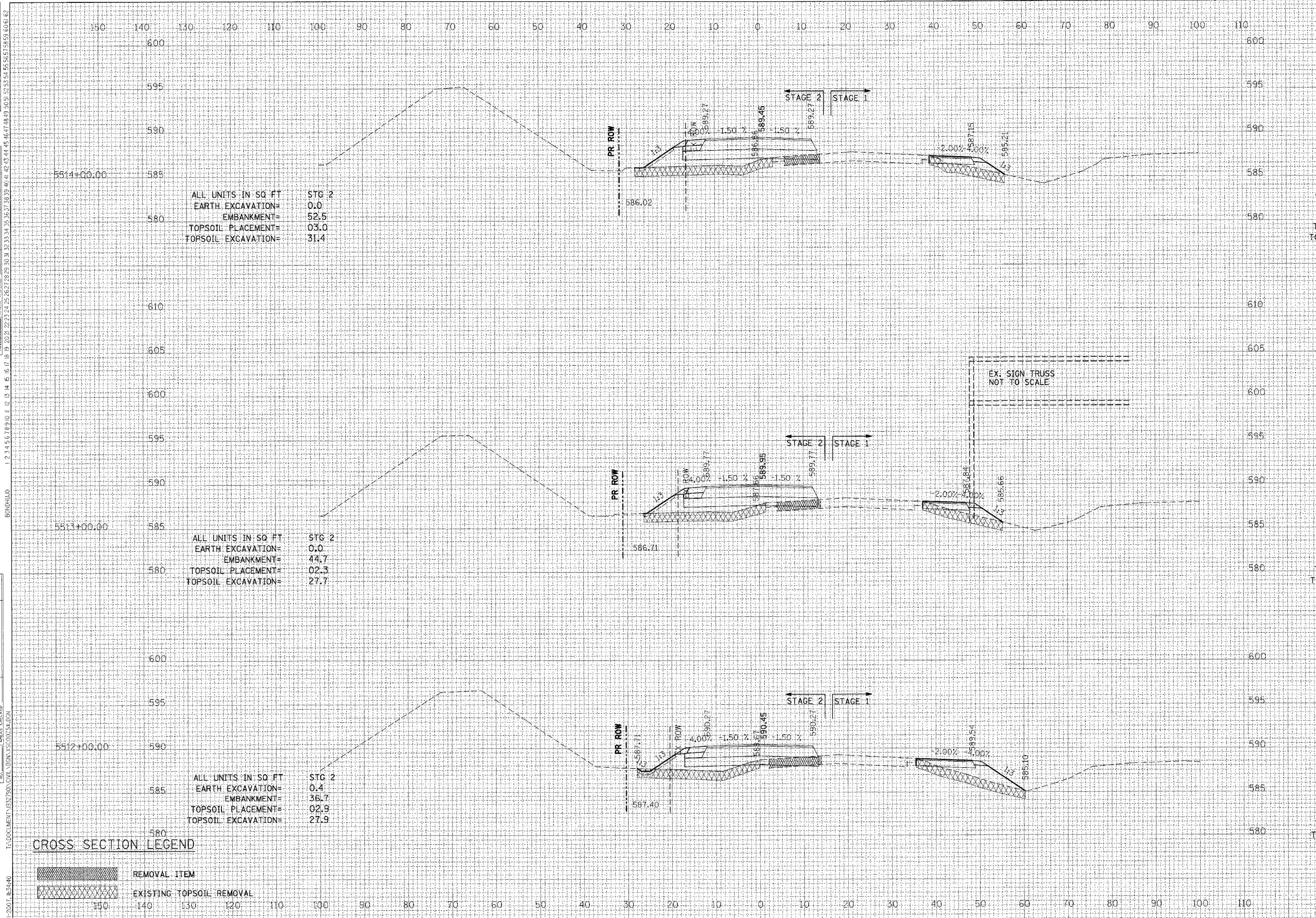
- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	84
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99 (1&2)AC-R-2 CONTRACT 60B97				

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ALL UNITS IN SQ FT	STG 2
EARTH EXCAVATION=	0.0
EMBANKMENT=	52.5
TOPSOIL PLACEMENT=	03.0
TOPSOIL EXCAVATION=	31.4

ALL UNITS IN SQ FT	STG 1
EARTH EXCAVATION=	00.0
EMBANKMENT=	19.7
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	17.1

ALL UNITS IN SQ FT	STG 2
EARTH EXCAVATION=	0.0
EMBANKMENT=	44.7
TOPSOIL PLACEMENT=	02.3
TOPSOIL EXCAVATION=	27.7

ALL UNITS IN SQ FT	STG 1
EARTH EXCAVATION=	00.0
EMBANKMENT=	21.3
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	18.1

ALL UNITS IN SQ FT	STG 2
EARTH EXCAVATION=	0.4
EMBANKMENT=	36.7
TOPSOIL PLACEMENT=	02.9
TOPSOIL EXCAVATION=	27.9

ALL UNITS IN SQ FT	STG 1
EARTH EXCAVATION=	00.0
EMBANKMENT=	38.3
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	24.8

CROSS SECTION LEGEND

	REMOVAL ITEM
	EXISTING TOPSOIL REMOVAL

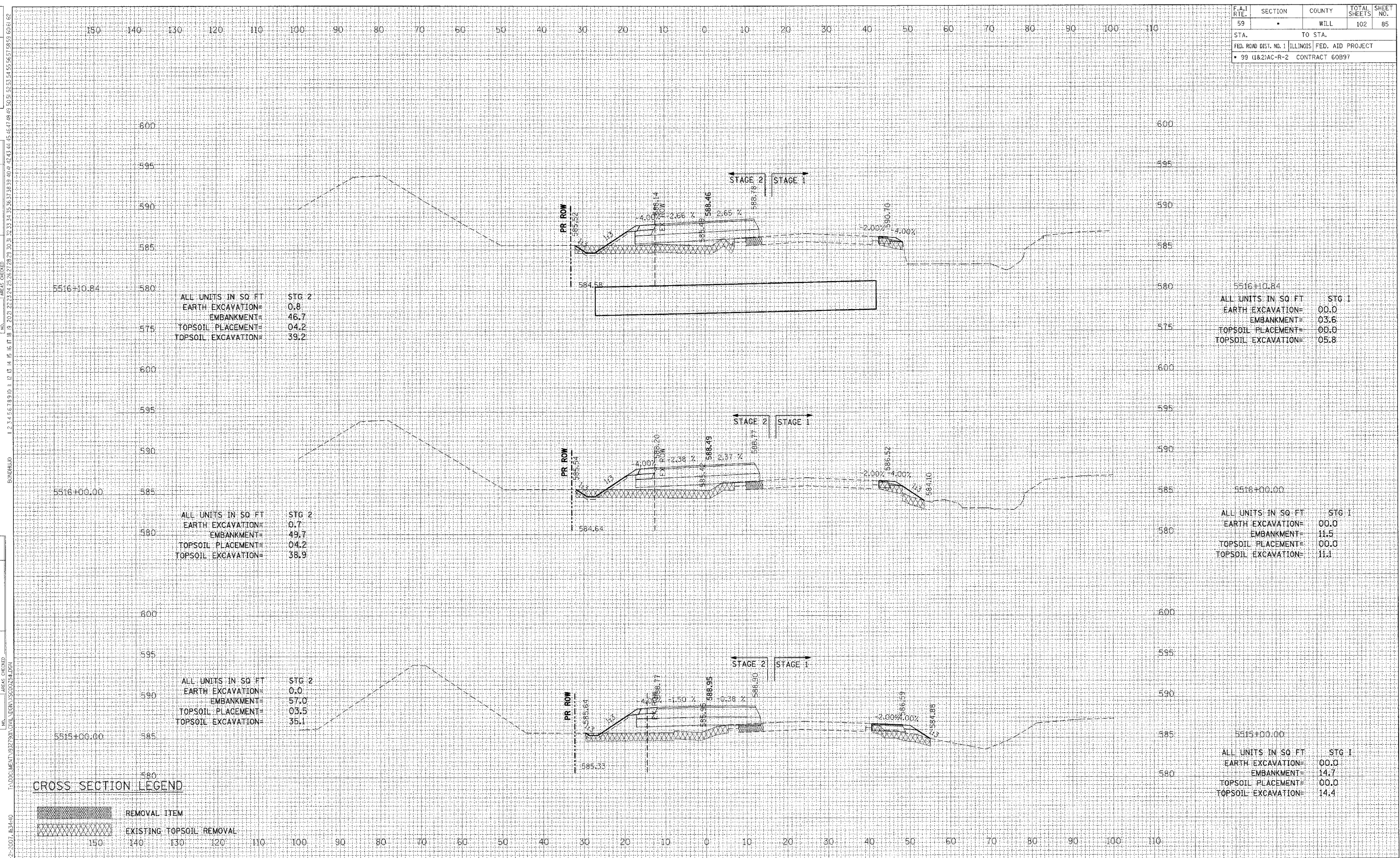
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59	•	WILL	102	85
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (I&2)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

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DATE	BY

DATE	BY



CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

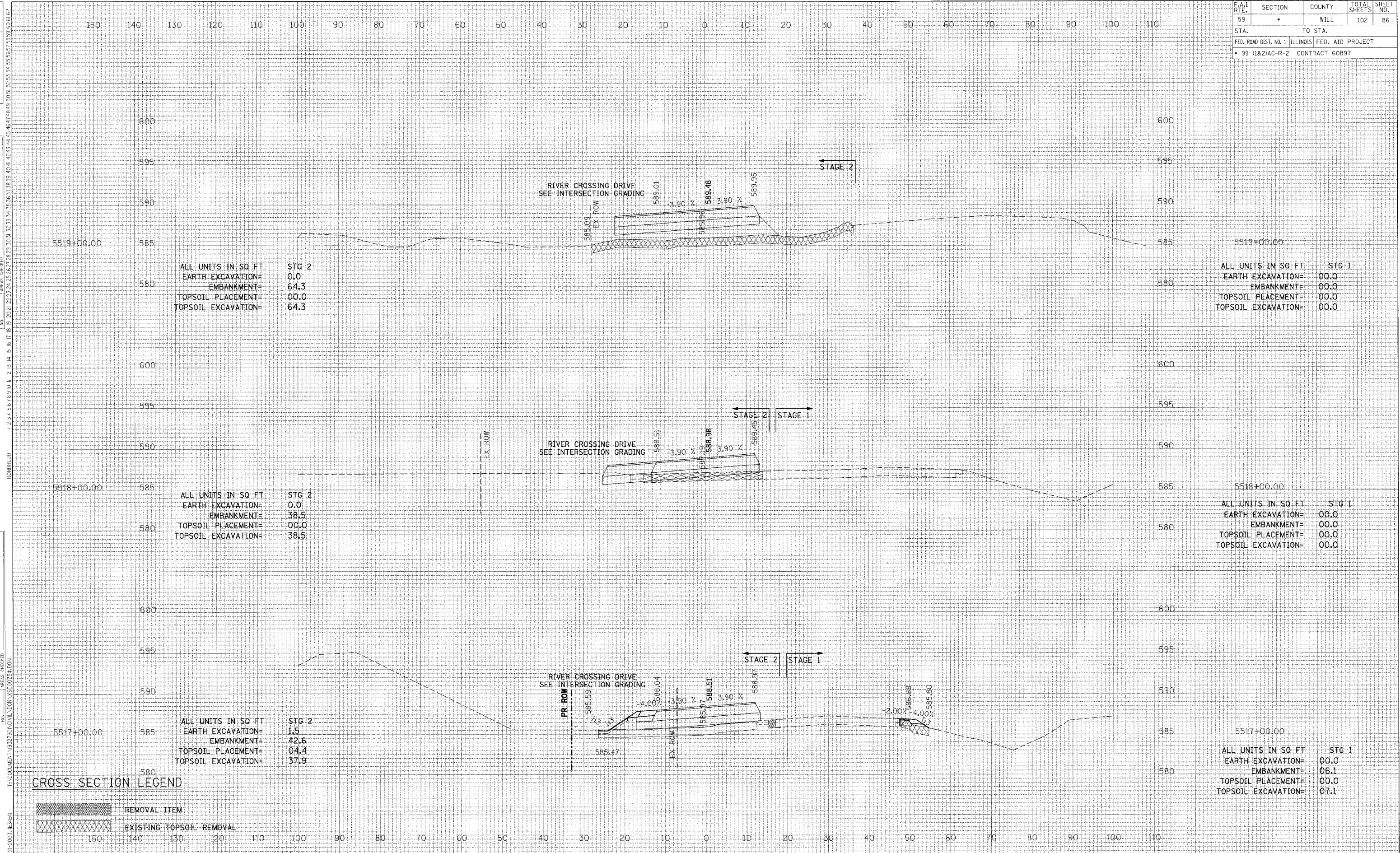
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59	*	WILL	102	86
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 99 (I&2)AC-R-2 CONTRACT 60B97				

REVISIONS	NAME	DATE

BY	DATE

DATE	BY

DATE	BY



ALL UNITS IN SQ FT	STG 2
EARTH EXCAVATION=	0.0
EMBANKMENT=	64.3
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	64.3

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	00.0
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	00.0

ALL UNITS IN SQ FT	STG 2
EARTH EXCAVATION=	0.0
EMBANKMENT=	38.5
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	38.5

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	00.0
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	00.0

ALL UNITS IN SQ FT	STG 2
EARTH EXCAVATION=	1.5
EMBANKMENT=	42.6
TOPSOIL PLACEMENT=	04.4
TOPSOIL EXCAVATION=	37.9

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	06.1
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	07.1

CROSS SECTION LEGEND

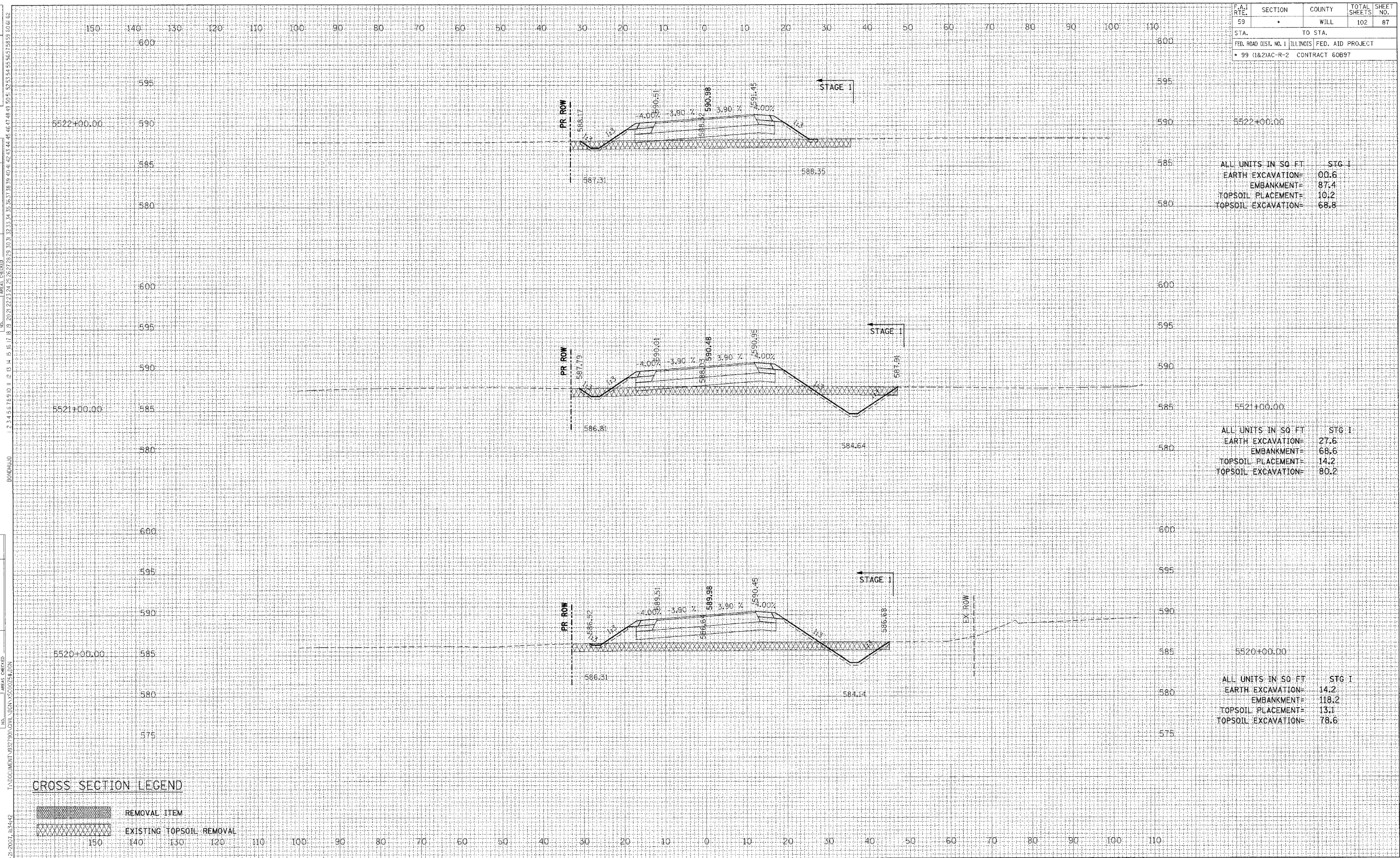
- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	87
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

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DATE



ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	00.6
EMBANKMENT=	87.4
TOPSOIL PLACEMENT=	10.2
TOPSOIL EXCAVATION=	68.8

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	27.6
EMBANKMENT=	68.6
TOPSOIL PLACEMENT=	14.2
TOPSOIL EXCAVATION=	80.2

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	14.2
EMBANKMENT=	118.2
TOPSOIL PLACEMENT=	13.1
TOPSOIL EXCAVATION=	78.6

CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

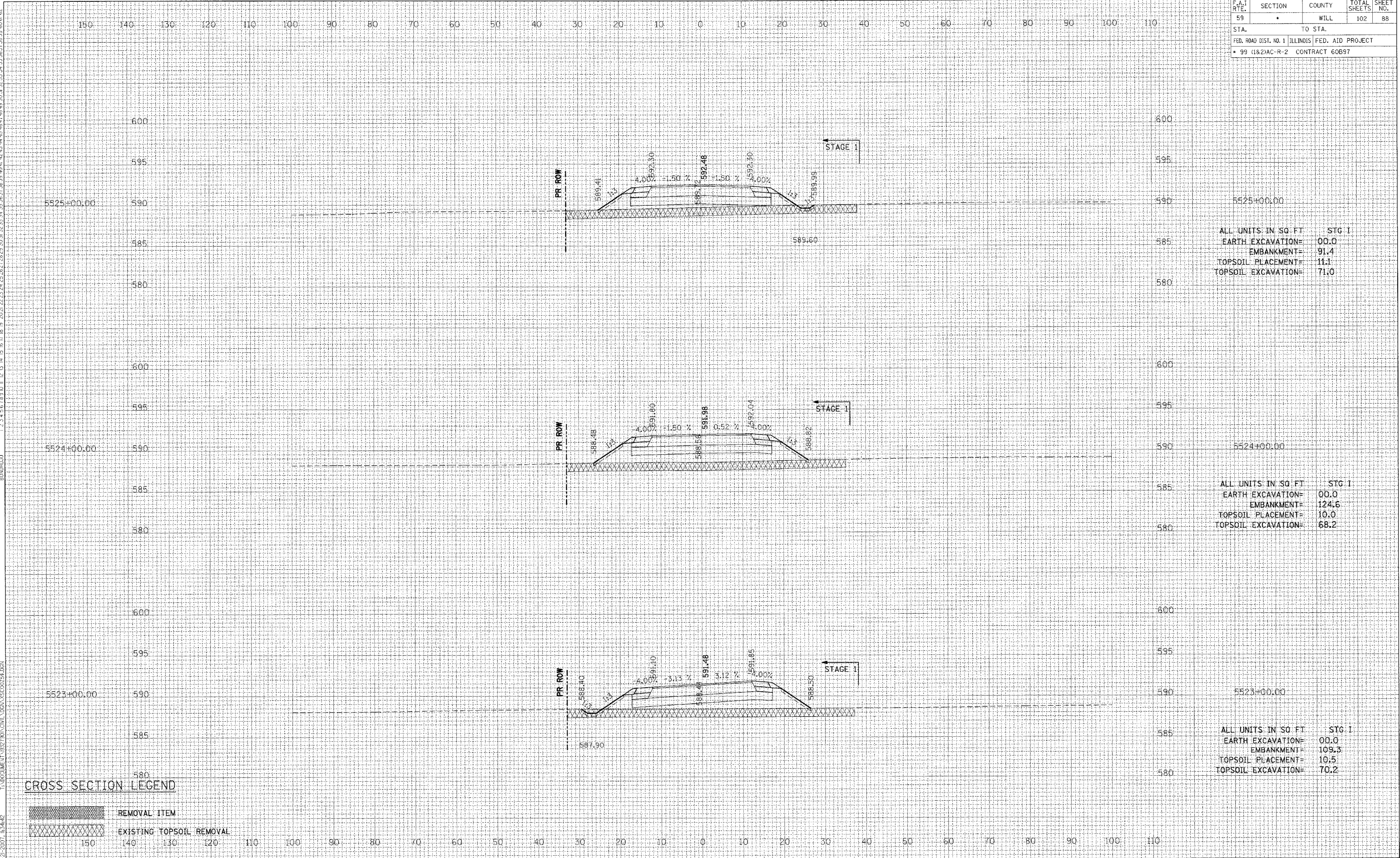
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59	•	WILL	102	88
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (1&2)AC-R-2 CONTRACT 60697				

REVISIONS	DATE

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BY	DATE

BY	DATE



ALL UNITS IN SQ. FT.	STG. I
EARTH EXCAVATION=	00.0
EMBANKMENT=	91.4
TOPSOIL PLACEMENT=	11.1
TOPSOIL EXCAVATION=	71.0

ALL UNITS IN SQ. FT.	STG. I
EARTH EXCAVATION=	00.0
EMBANKMENT=	124.6
TOPSOIL PLACEMENT=	10.0
TOPSOIL EXCAVATION=	68.2

ALL UNITS IN SQ. FT.	STG. I
EARTH EXCAVATION=	00.0
EMBANKMENT=	109.3
TOPSOIL PLACEMENT=	10.5
TOPSOIL EXCAVATION=	70.2

CROSS SECTION LEGEND

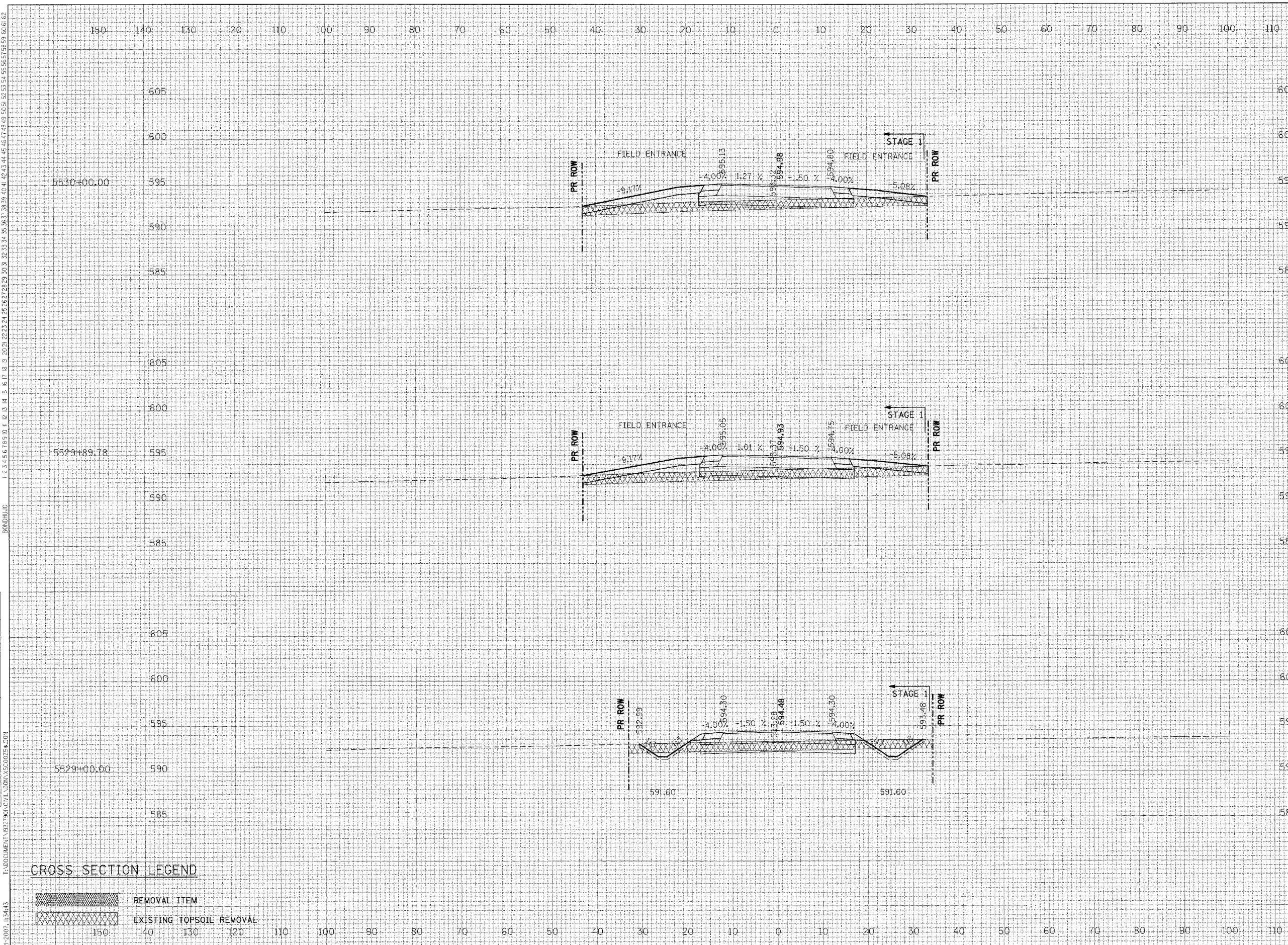
- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

REVISIONS	NAME	DATE

DATE	BY

DATE	BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	90
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
* 99 (1&2)AC-R-2		CONTRACT 60897		



ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	48.9
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	76.5

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	47.4
TOPSOIL PLACEMENT=	00.0
TOPSOIL EXCAVATION=	76.5

ALL UNITS IN SQ FT	STG I
EARTH EXCAVATION=	10.1
EMBANKMENT=	11.7
TOPSOIL PLACEMENT=	09.6
TOPSOIL EXCAVATION=	67.3

CROSS SECTION LEGEND

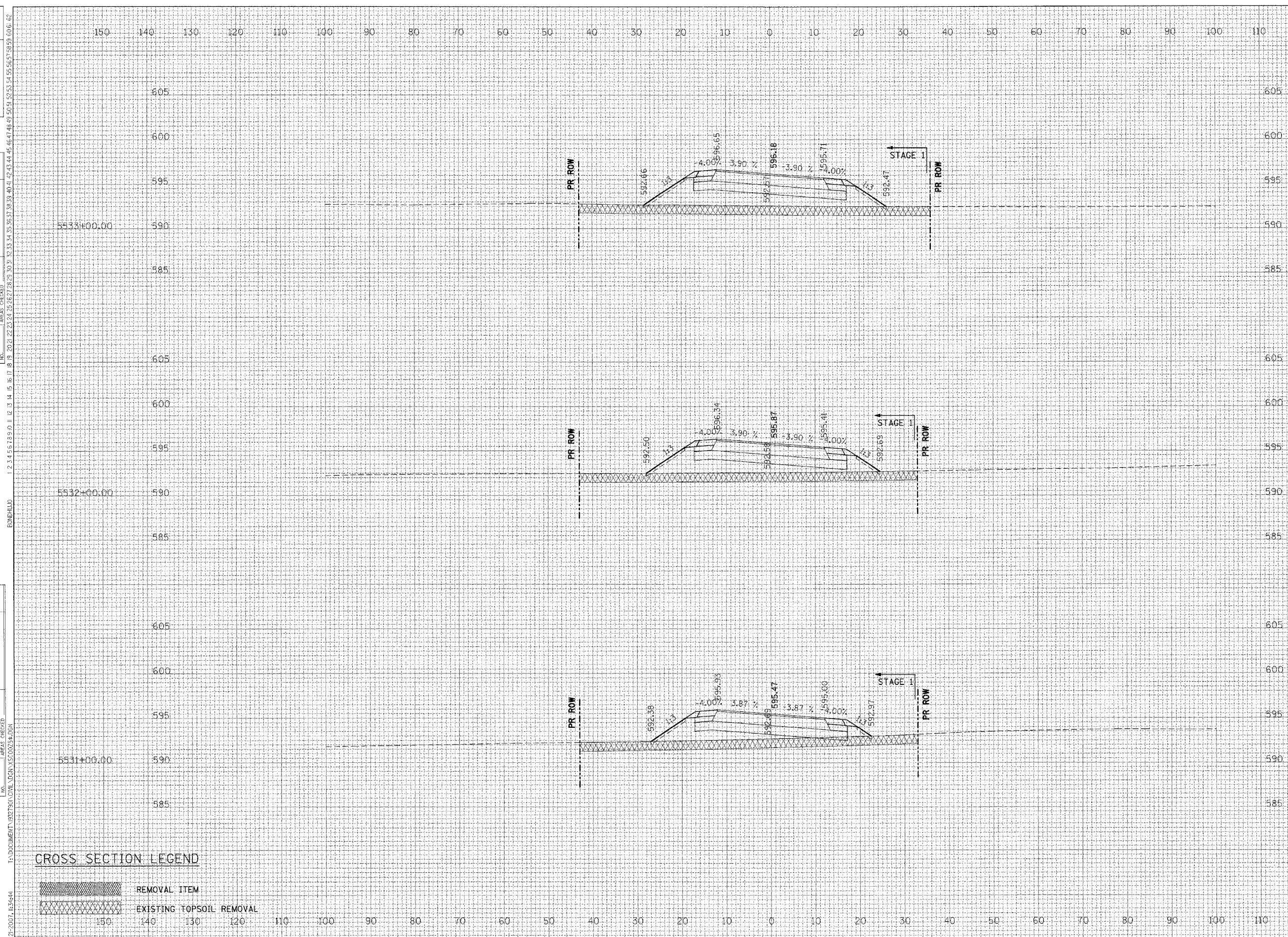
- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	91
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 99 (1&2)AC-R-2 CONTRACT 60897				

REVISIONS	DATE

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DATE



5533+00.00	STG I
ALL UNITS IN SQ. FT.	
EARTH EXCAVATION=	00.0
EMBANKMENT=	141.8
TOPSOIL PLACEMENT=	13.4
TOPSOIL EXCAVATION=	79.0

5532+00.00	STG I
ALL UNITS IN SQ. FT.	
EARTH EXCAVATION=	00.0
EMBANKMENT=	126.0
TOPSOIL PLACEMENT=	12.7
TOPSOIL EXCAVATION=	76.0

5531+00.00	STG I
ALL UNITS IN SQ. FT.	
EARTH EXCAVATION=	00.0
EMBANKMENT=	103.0
TOPSOIL PLACEMENT=	12.4
TOPSOIL EXCAVATION=	76.0

CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

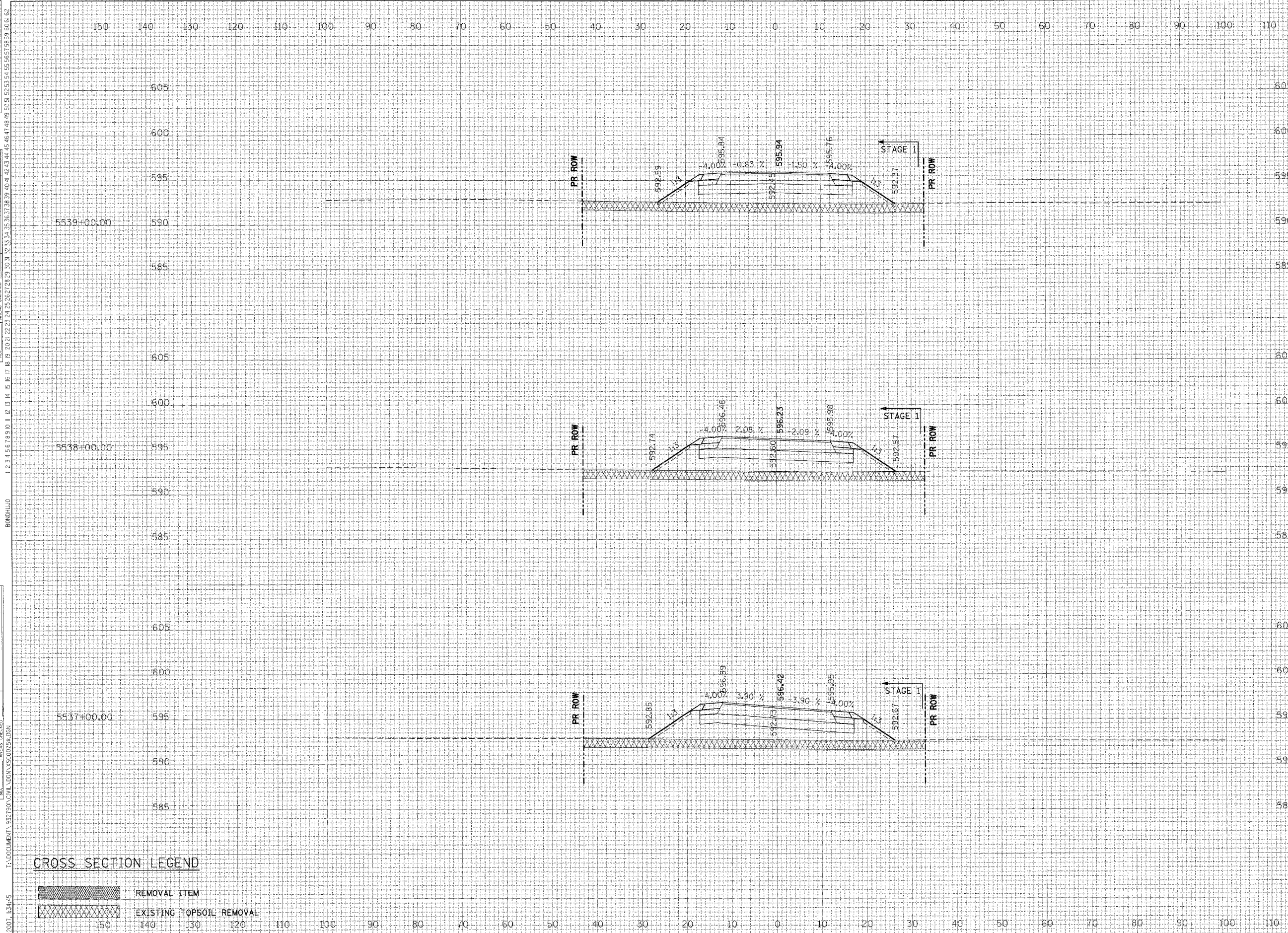
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	93
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

BY	DATE

FINAL SURVEY	DATE

ORIGINAL SURVEY	DATE



5539+00.00	STG I
ALL UNITS IN SQ FT	
EARTH EXCAVATION=	00.0
EMBANKMENT=	130.0
TOPSOIL PLACEMENT=	12.5
TOPSOIL EXCAVATION=	76.0

5538+00.00	STG I
ALL UNITS IN SQ FT	
EARTH EXCAVATION=	00.0
EMBANKMENT=	141.8
TOPSOIL PLACEMENT=	12.4
TOPSOIL EXCAVATION=	76.0

5537+00.00	STG I
ALL UNITS IN SQ FT	
EARTH EXCAVATION=	00.0
EMBANKMENT=	146.9
TOPSOIL PLACEMENT=	12.5
TOPSOIL EXCAVATION=	76.0

CROSS SECTION LEGEND

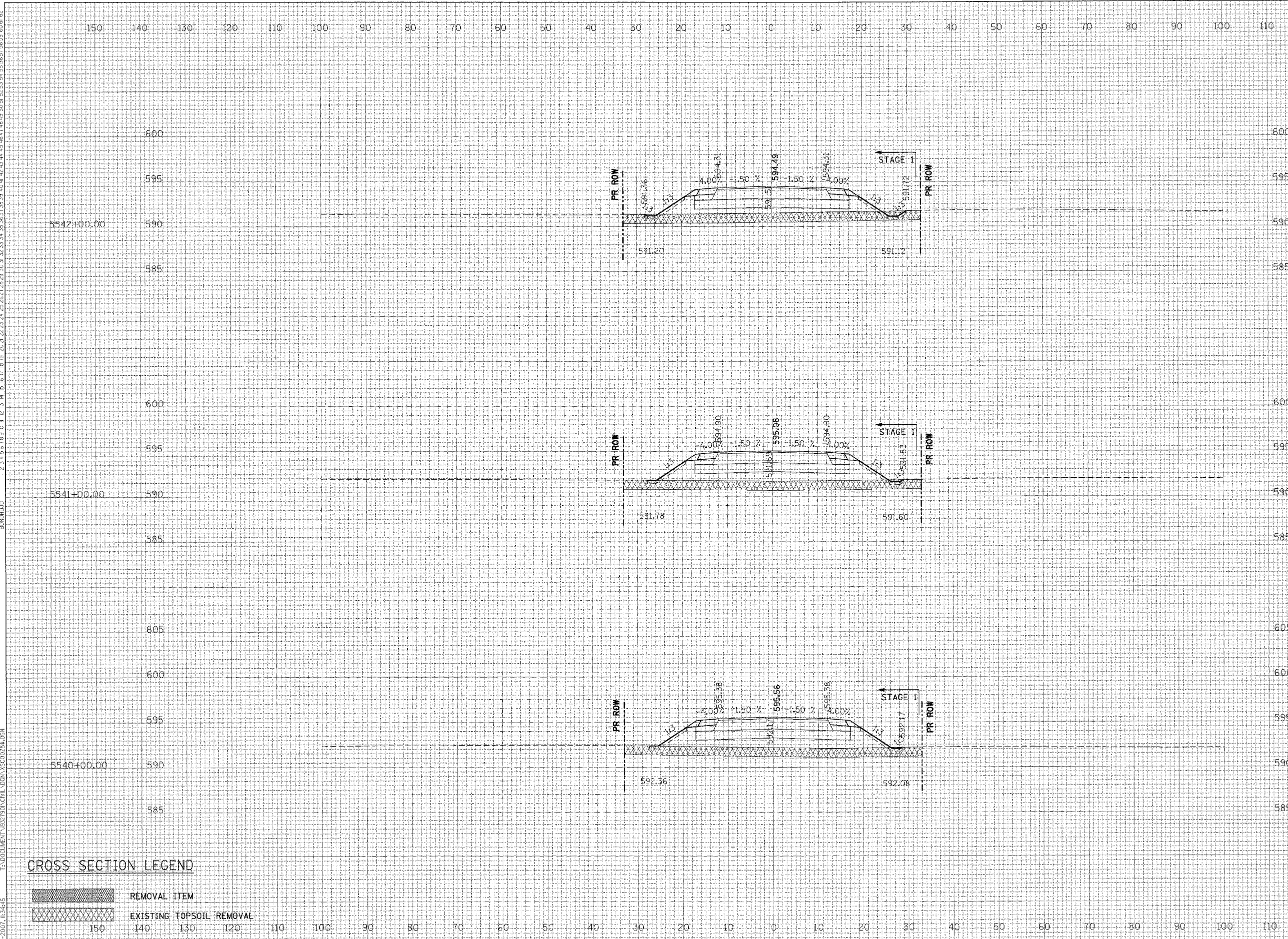
- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	94
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 99 (I&2)AC-R-2 CONTRACT 60697				

REVISIONS	DATE

BY	DATE

BY	DATE



5542+00.00	STG I
ALL UNITS IN SQ FT	
EARTH EXCAVATION=	00.0
EMBANKMENT=	98.3
TOPSOIL PLACEMENT=	09.2
TOPSOIL EXCAVATION=	66.0

5541+00.00	STG I
ALL UNITS IN SQ FT	
EARTH EXCAVATION=	00.0
EMBANKMENT=	115.6
TOPSOIL PLACEMENT=	09.2
TOPSOIL EXCAVATION=	66.0

5540+00.00	STG I
ALL UNITS IN SQ FT	
EARTH EXCAVATION=	00.0
EMBANKMENT=	117.7
TOPSOIL PLACEMENT=	09.2
TOPSOIL EXCAVATION=	66.0

CROSS SECTION LEGEND

- REMOVAL ITEM
- EXISTING TOPSOIL REMOVAL

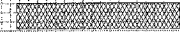

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	95
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (1&2)AC-R-2 CONTRACT 60897				

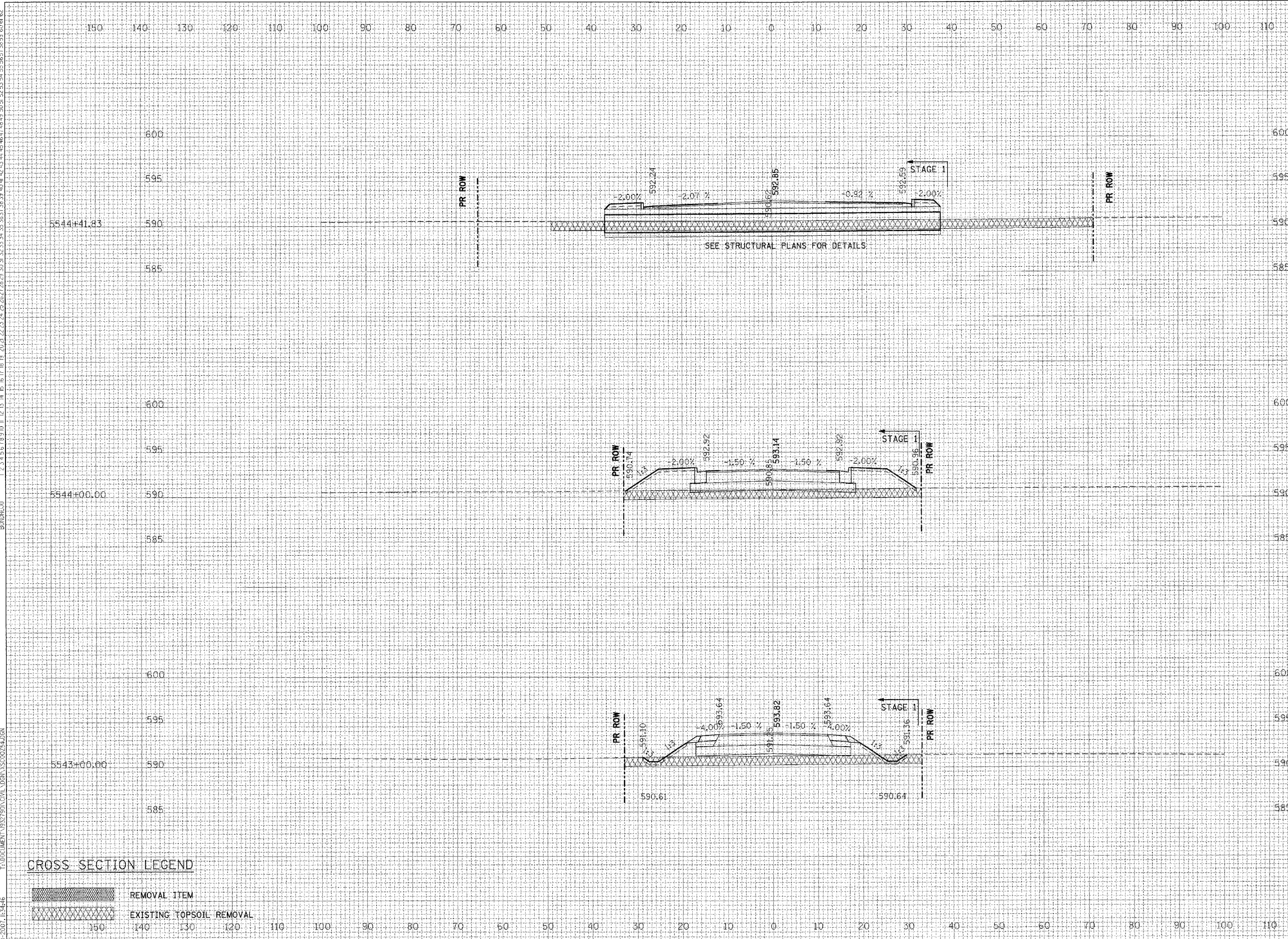
REVISIONS	DATE

BY	DATE

DATE

CROSS SECTION LEGEND

	REMOVAL ITEM
	EXISTING TOPSOIL REMOVAL



5544+41.83

ALL UNITS IN SQ. FT.	STG I
EARTH EXCAVATION=	60.8
EMBANKMENT=	60.8
TOPSOIL PLACEMENT=	13.5
TOPSOIL EXCAVATION=	120.0

5544+00.00

ALL UNITS IN SQ. FT.	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	118.3
TOPSOIL PLACEMENT=	09.9
TOPSOIL EXCAVATION=	66.0

5543+00.00

ALL UNITS IN SQ. FT.	STG I
EARTH EXCAVATION=	00.0
EMBANKMENT=	69.9
TOPSOIL PLACEMENT=	09.1
TOPSOIL EXCAVATION=	66.0

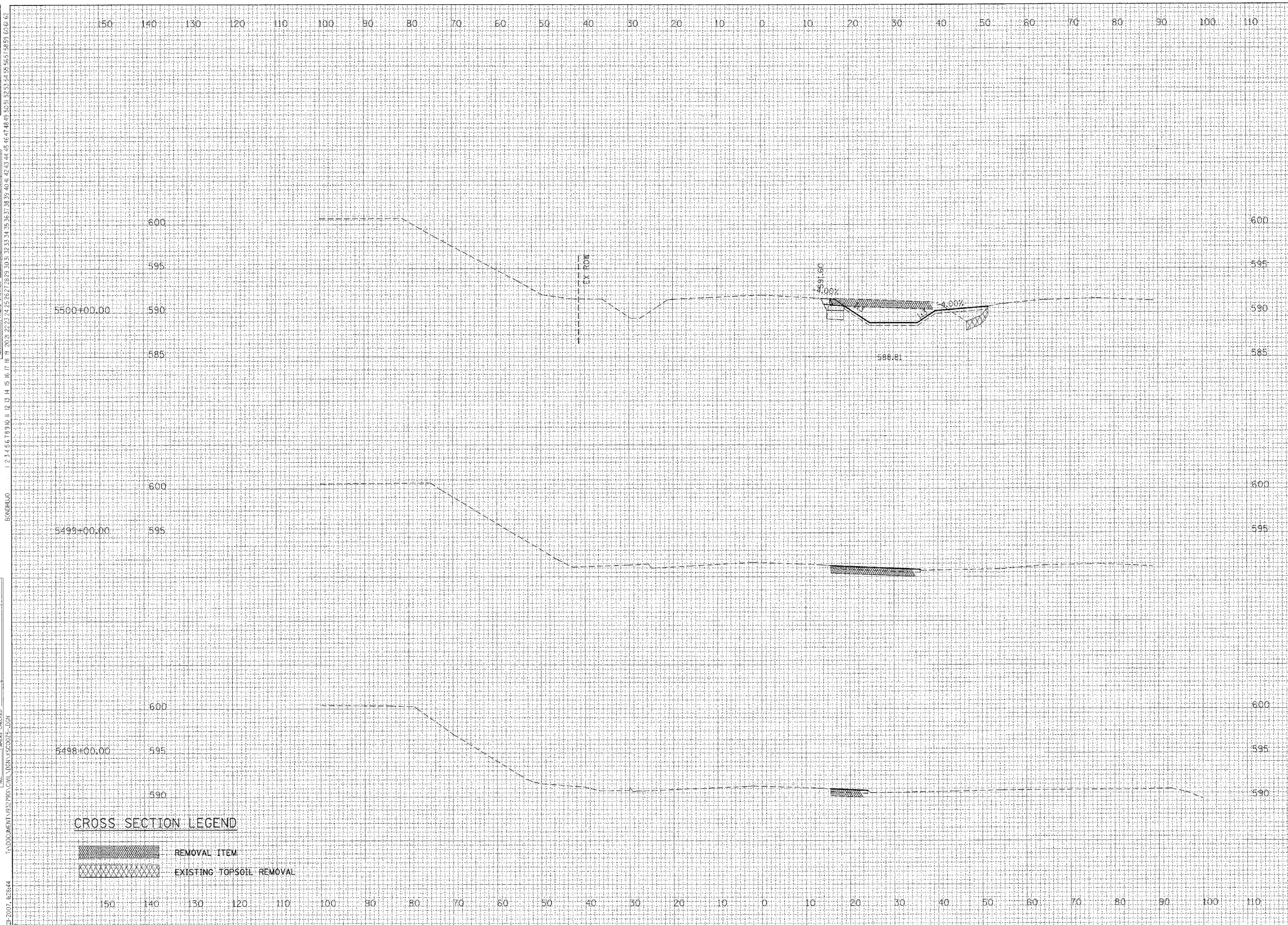
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	96
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99 (1&2)AC-R-2 CONTRACT 60897				

REVISIONS	DATE

BY	DATE

ORIGINAL SURVEY	DATE

NO.	DATE



ALL UNITS IN SQ. FT.	STAGE III
EARTH EXCAVATION= 43.1	
EMBANKMENT= 10.2	
TOPSOIL PLACEMENT= 10.9	
TOPSOIL EXCAVATION= 04.9	

ALL UNITS IN SQ. FT.	STAGE III
EARTH EXCAVATION= 0.0	
EMBANKMENT= 00.0	
TOPSOIL PLACEMENT= 06.8	
TOPSOIL EXCAVATION= 00.0	

ALL UNITS IN SQ. FT.	STAGE III
EARTH EXCAVATION= 0.0	
EMBANKMENT= 00.0	
TOPSOIL PLACEMENT= 02.8	
TOPSOIL EXCAVATION= 00.0	

CROSS SECTION LEGEND

	REMOVAL ITEM
	EXISTING TOPSOIL REMOVAL

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	97
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• 99 (1&2)AC-R-2 CONTRACT 60B97				

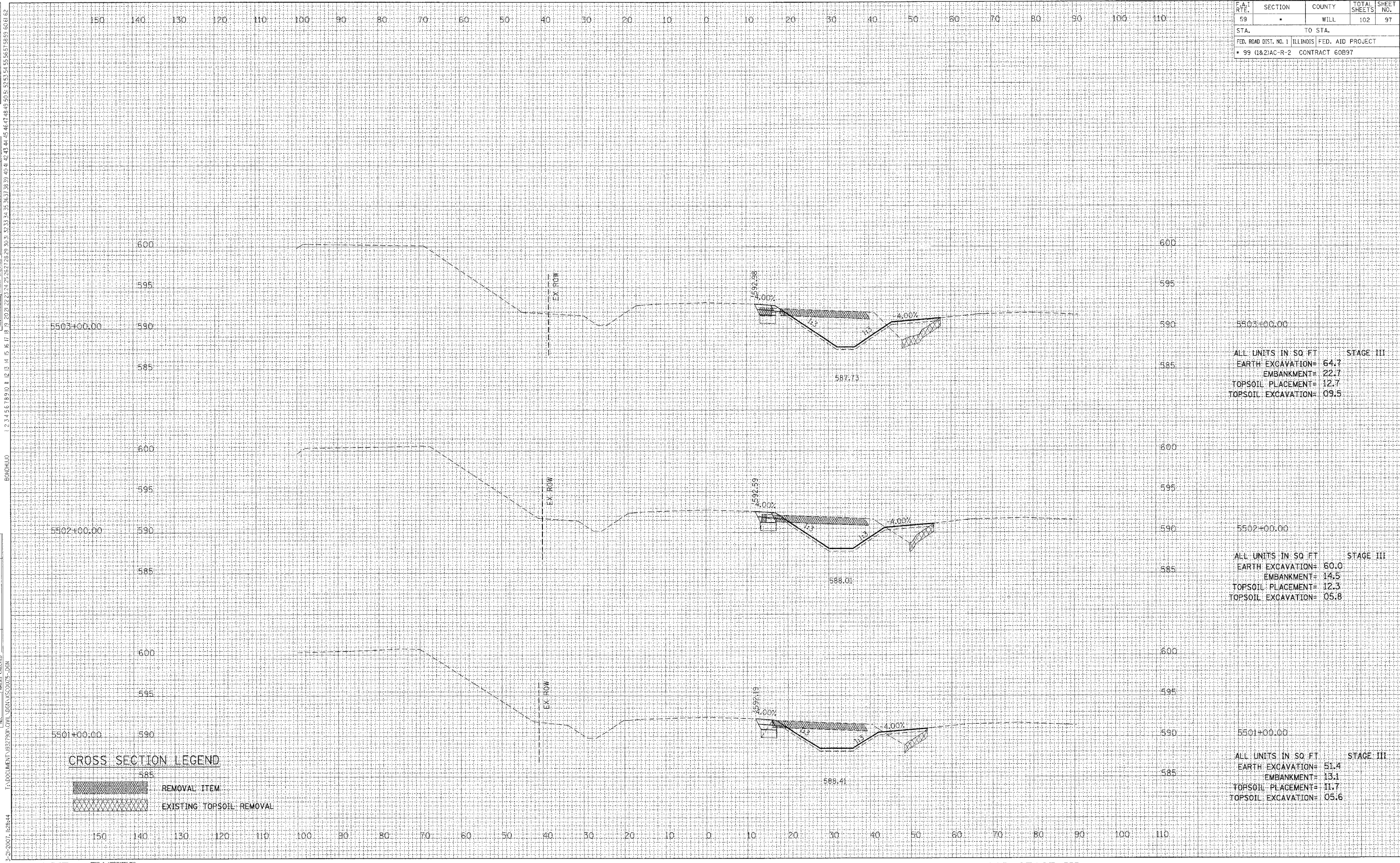
REVISIONS	DATE

BY	DATE

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION



ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 64.7
 EMBANKMENT= 22.7
 TOPSOIL PLACEMENT= 12.7
 TOPSOIL EXCAVATION= 09.5

ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 60.0
 EMBANKMENT= 14.5
 TOPSOIL PLACEMENT= 12.3
 TOPSOIL EXCAVATION= 05.8

ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 51.4
 EMBANKMENT= 13.1
 TOPSOIL PLACEMENT= 11.7
 TOPSOIL EXCAVATION= 05.6

CROSS SECTION LEGEND
 [Hatched Box] REMOVAL ITEM
 [Cross-hatched Box] EXISTING TOPSOIL REMOVAL

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	98
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 99 (1&2)AC-R-2 CONTRACT 60B97				

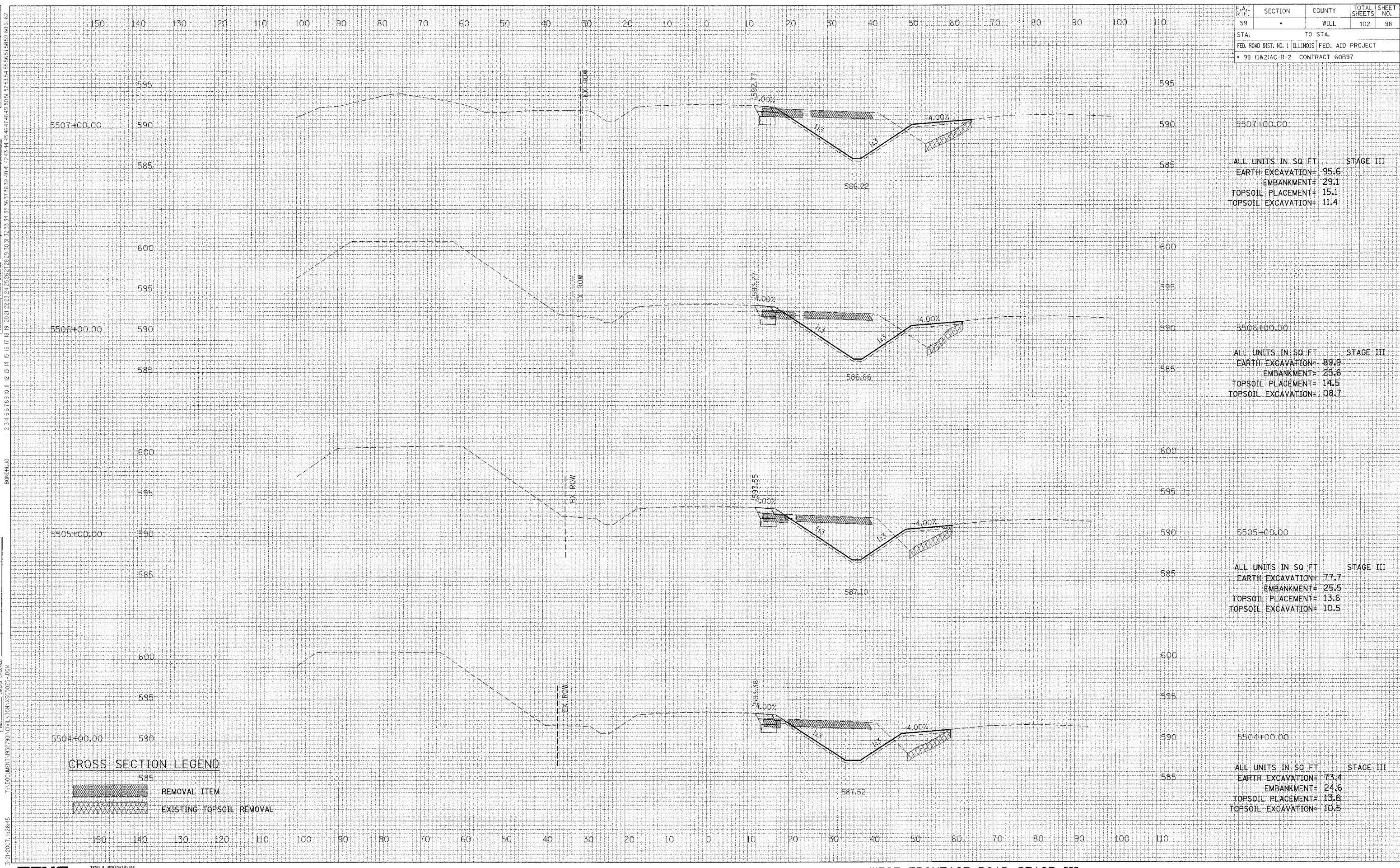
REVISIONS	DATE

BT	DATE

FINAL SURVEY	NO.

ORIGINAL SURVEY	NO.

DATE



ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 95.6
 EMBANKMENT= 29.1
 TOPSOIL PLACEMENT= 15.1
 TOPSOIL EXCAVATION= 11.4

ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 89.9
 EMBANKMENT= 25.6
 TOPSOIL PLACEMENT= 14.5
 TOPSOIL EXCAVATION= 08.7

ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 77.7
 EMBANKMENT= 25.5
 TOPSOIL PLACEMENT= 13.6
 TOPSOIL EXCAVATION= 10.5

ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 73.4
 EMBANKMENT= 24.6
 TOPSOIL PLACEMENT= 13.8
 TOPSOIL EXCAVATION= 10.5

CROSS SECTION LEGEND

	REMOVAL ITEM
	EXISTING TOPSOIL REMOVAL

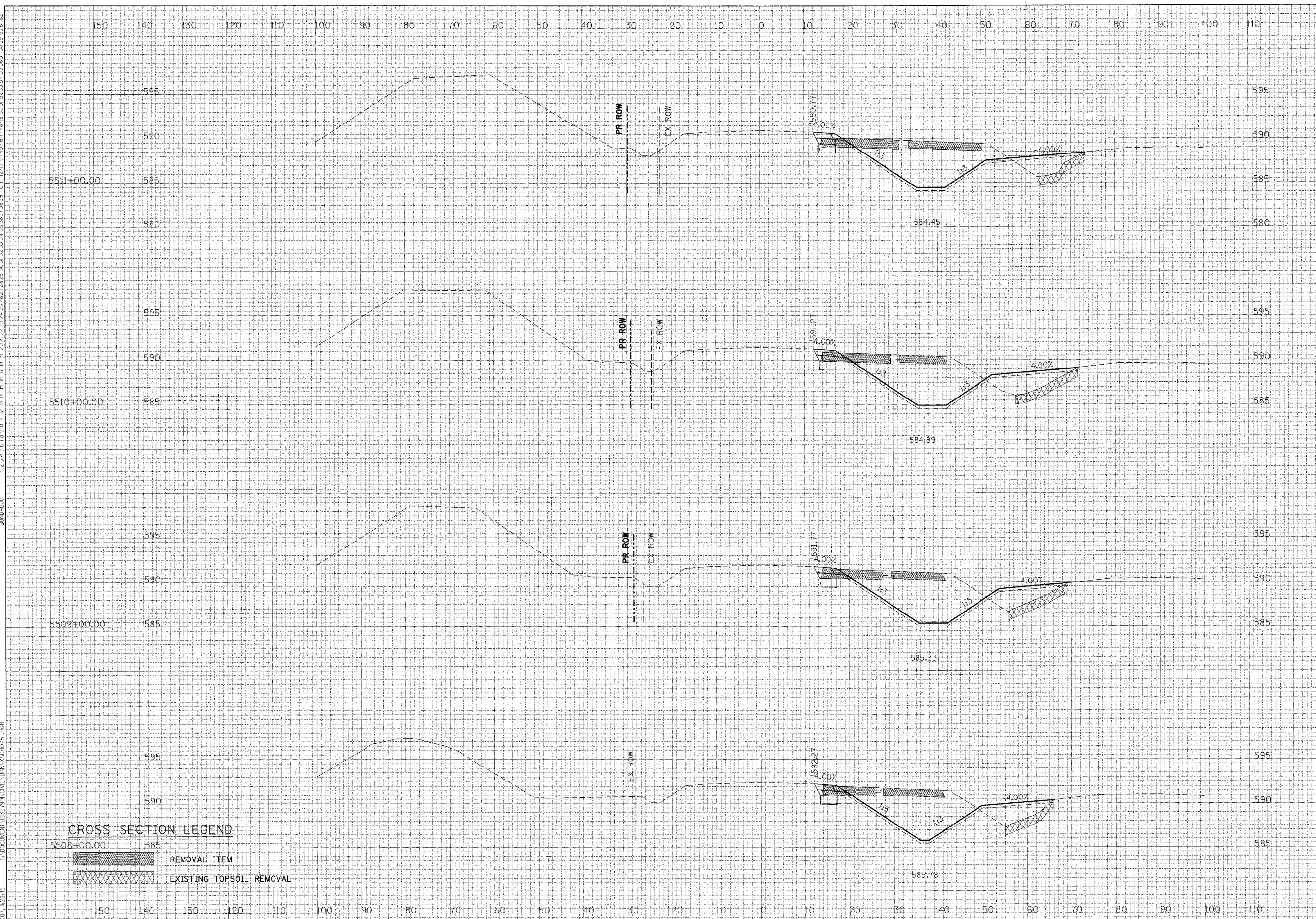
F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	102	99
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
* 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

BY	DATE

DATE	BY

DATE	BY



5511+00.00
 ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 106.1
 EMBANKMENT= 28.1
 TOPSOIL PLACEMENT= 18.0
 TOPSOIL EXCAVATION= 10.9

5510+00.00
 ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 105.8
 EMBANKMENT= 39.5
 TOPSOIL PLACEMENT= 17.4
 TOPSOIL EXCAVATION= 14.1

5509+00.00
 ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 110.8
 EMBANKMENT= 34.3
 TOPSOIL PLACEMENT= 16.6
 TOPSOIL EXCAVATION= 13.5

5508+00.00
 ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 97.8
 EMBANKMENT= 31.8
 TOPSOIL PLACEMENT= 15.5
 TOPSOIL EXCAVATION= 10.8

CROSS SECTION LEGEND

	REMOVAL ITEM
	EXISTING TOPSOIL REMOVAL

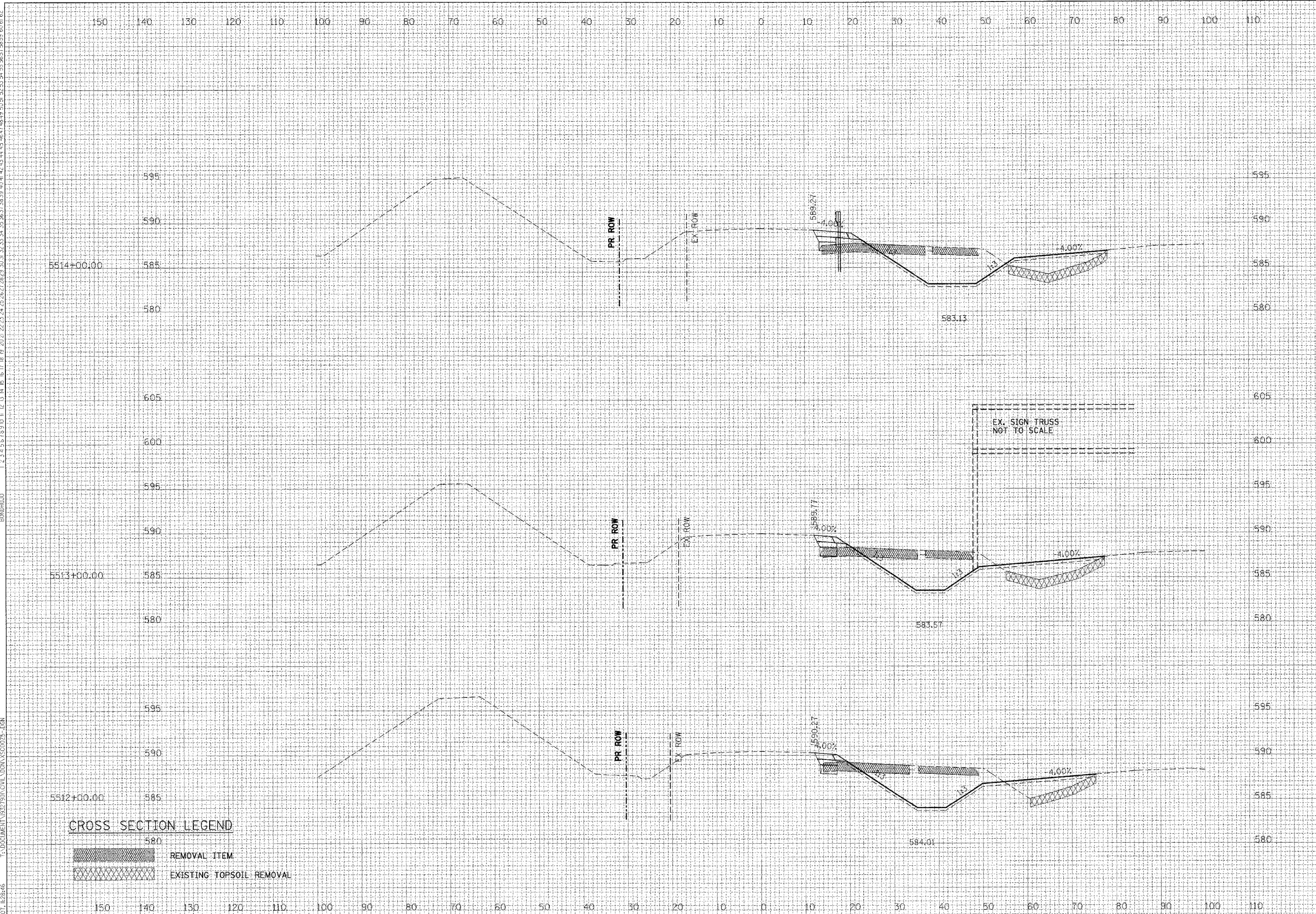
F.A./RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	100
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	NAME	DATE

BY	DATE
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

BY	DATE
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

BY	DATE
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 82.5
 EMBANKMENT= 51.8
 TOPSOIL PLACEMENT= 18.5
 TOPSOIL EXCAVATION= 22.2

ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 79.7
 EMBANKMENT= 48.0
 TOPSOIL PLACEMENT= 19.4
 TOPSOIL EXCAVATION= 22.1

ALL UNITS IN SQ FT STAGE III
 EARTH EXCAVATION= 90.0
 EMBANKMENT= 35.6
 TOPSOIL PLACEMENT= 18.7
 TOPSOIL EXCAVATION= 14.9

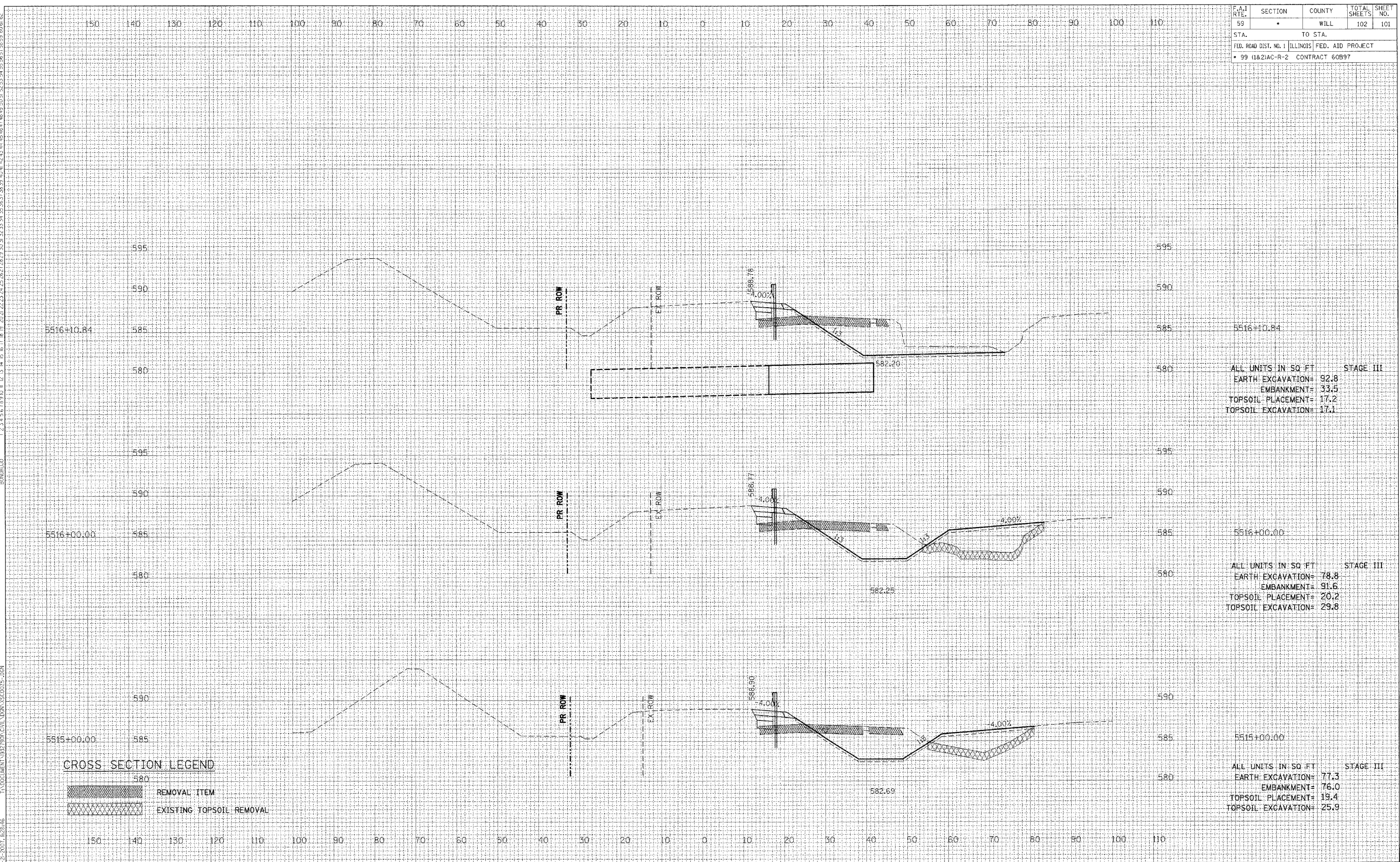
CROSS SECTION LEGEND
 580
 REMOVAL ITEM
 EXISTING TOPSOIL REMOVAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	101
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 99 (1&2)AC-R-2 CONTRACT 60B97				

REVISIONS	DATE

BY	DATE

NO.	DATE	DESCRIPTION



ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 92.8
 EMBANKMENT= 33.5
 TOPSOIL PLACEMENT= 17.2
 TOPSOIL EXCAVATION= 17.1

ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 78.8
 EMBANKMENT= 91.6
 TOPSOIL PLACEMENT= 20.2
 TOPSOIL EXCAVATION= 29.8

ALL UNITS IN SQ. FT. STAGE III
 EARTH EXCAVATION= 77.3
 EMBANKMENT= 76.0
 TOPSOIL PLACEMENT= 19.4
 TOPSOIL EXCAVATION= 25.9

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	•	WILL	102	102
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
• 99 (1&2)AC-R-2		CONTRACT 60B97		

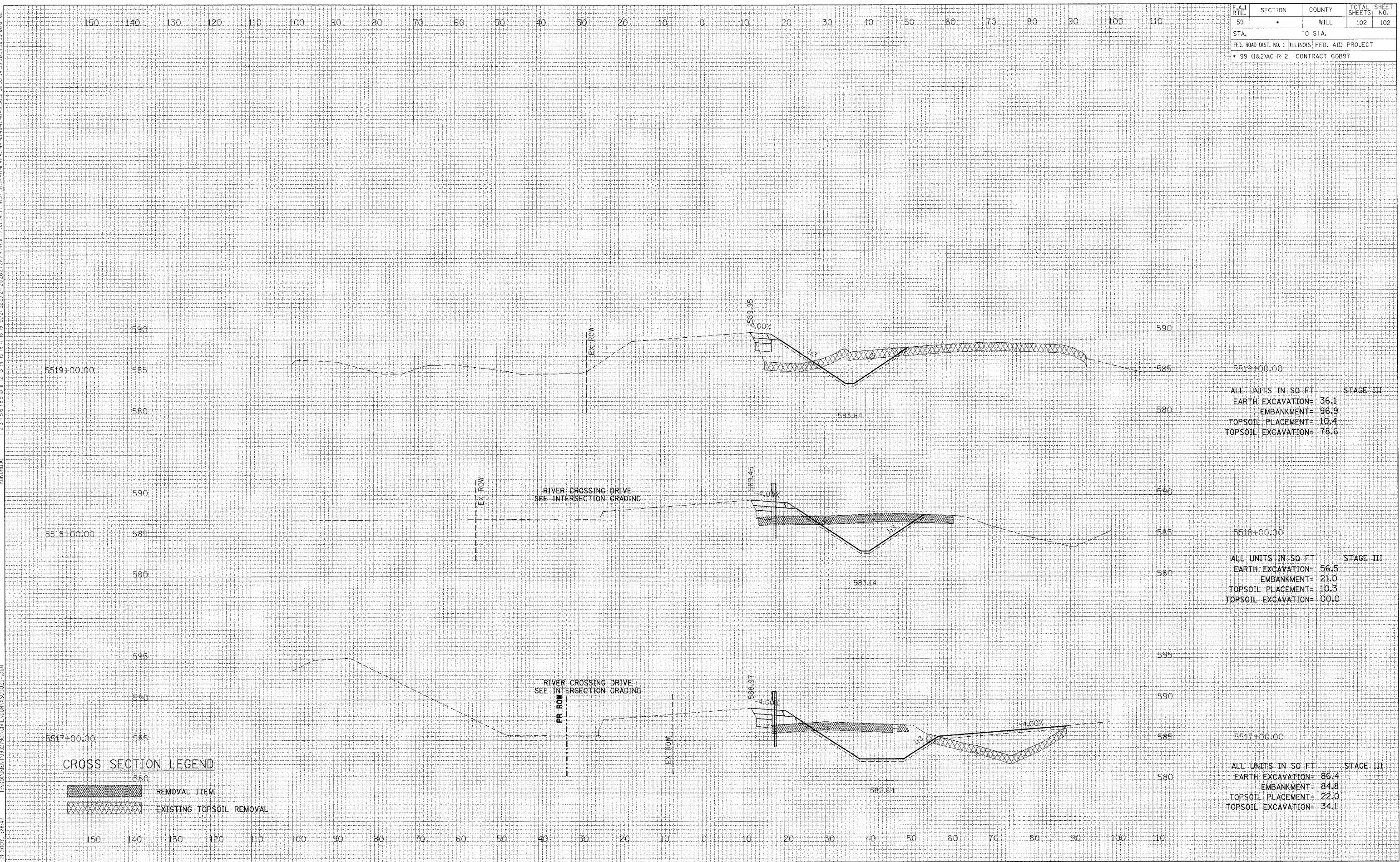
REVISIONS	DATE

BY	DATE

FINAL SURVEY	NO.

EXAMINED SURVEY	NO.

ORIGINAL SURVEY	NO.



ALL UNITS IN SQ FT	STAGE III
EARTH EXCAVATION= 36.1	
EMBANKMENT= 96.9	
TOPSOIL PLACEMENT= 10.4	
TOPSOIL EXCAVATION= 78.6	

ALL UNITS IN SQ FT	STAGE III
EARTH EXCAVATION= 56.5	
EMBANKMENT= 21.0	
TOPSOIL PLACEMENT= 10.3	
TOPSOIL EXCAVATION= 00.0	

ALL UNITS IN SQ FT	STAGE III
EARTH EXCAVATION= 86.4	
EMBANKMENT= 84.8	
TOPSOIL PLACEMENT= 22.0	
TOPSOIL EXCAVATION= 34.1	

CROSS SECTION LEGEND

REMOVAL ITEM

EXISTING TOPSOIL REMOVAL